

Receiving Report

Date: 15.06.19

Batch No: M132576

Supplier: KLX

Dart P/O: 28872

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☐
 Receipt: Cash ☐ Cr ☐
 New Supplier Yes ☐ No ☐

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC18 Inspection ☐ N/A ☐
 Work Order ☐ N/A ☐

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver QC12

Production/Admin:

Date

Received/Costing

Initial

Location





Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXAerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

J07X5W

SEND TO ACCOUNTING

PAGE 1 OF 5

SOLD TO:

002409
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



ORDER NO. PO28872		DATE 06/18/15	SHIP VIA FEDX INTL P1 COLL		TERMS NET 45		SHIPPING TERMS FOB-MIAMI	
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION		PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
1	6	AN815-8K UNION ECCN :9A991 Country Origin: USA TARIFF: 7307.22.1000 MFR: DESIGNED METAL DBA PERMAS CTRL# : 2015F17210 LOT# : F00028796-31888 LOT QTY: 6 COUNTRY OF ORIGIN: USA Country of Origin: USA		16.000	EA	0	6	96.00
2	6	AN818-8K NUT, TUBE COUPLING ECCN :9A991 Country Origin: USA TARIFF: 7318.16.0085 MFR: NELSON AEROSPCE/PERMASWAG CTRL# : 2014A20671 LOT# : F00030133-33742 LOT QTY: 6 COUNTRY OF ORIGIN: USA Country of Origin: USA		6.280	EA	0	6	37.68
3	50	AN6-11A BOLT ECCN :9A991 Country Origin: USA TARIFF: 7318.15.8085 MFR: MAC FASTENERS CTRL# : 2013J09715 LOT# : 67208 LOT QTY: 50		0.450	EA	0	50	22.50
CONTINUED								

CO 2150019

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 10000 NW 15 TERRACE, MIAMI, FL 33172

ORIGINAL INVOICE

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS INVOICE, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXAerospace.com/conditions-sale/>



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXAerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

J07X5W

SEND TO ACCOUNTING

PAGE 2 OF 5

SOLD TO:

002409

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



ORDER NO.		DATE	SHIP VIA	TERMS		SHIPPING TERMS	
PO28872		06/18/15	FEDX INTL P1 COLL	NET 45		FOB-MIAMI	
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION	PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
4	30	COUNTRY OF ORIGIN: USA Country of Origin: USA AN6-16A BOLT ECCN :9A991 Country Origin: USA TARIFF: 7318.15.8085 MFR: MAC FASTENERS CTRL# : 2014H07630 LOT# : 71005 LOT QTY: 30	0.650	EA	0	30	19.50
5	30	COUNTRY OF ORIGIN: USA Country of Origin: USA AN6-20A BOLT ECCN :9A991 Country Origin: USA TARIFF: 7318.15.8085 MFR: MAC FASTENERS CTRL# : 2015D26903 LOT# : 78204 LOT QTY: 30	0.750	EA	0	30	22.50
6	20	COUNTRY OF ORIGIN: USA Country of Origin: USA AN8-13A BOLT ECCN :9A991 Country Origin: USA TARIFF: 7318.15.8085 MFR: LFC INDUSTRIES CTRL# : 2013L20588	1.400	EA	0	20	28.00
CONTINUED							
MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.							

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SHIPPED FROM: 10000 NW 15 TERRACE, MIAMI, FL 33172

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<http://www.KLXAerospace.com/conditions-sale/>



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXAerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

J07X5W

SEND TO ACCOUNTING

PAGE 3 OF 5

SOLD TO:

002409
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



ORDER NO.		DATE	SHIP VIA	TERMS	SHIPPING TERMS		
PO28872		06/18/15	FEDX INTL P1 COLL	NET 45	FOB-MIAMI		
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION	PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
7	12	LOT# : 53311 LOT QTY: 20 COUNTRY OF ORIGIN: USA Country of Origin: USA MS17984C408 QUICK RELEASE PIN ECCN :9A991 Country Origin: USA TARIFF: 7318.16.0060 MFR: AVIBANK MFG. CTRL# : 2014F27060 LOT# : 1427041 LOT QTY: 12 COUNTRY OF ORIGIN: USA Country of Origin: USA	14.250	EA	0	12	171.00
8	20	MS17984C418 QUICK RELEASE PIN ECCN :9A991 Country Origin: USA TARIFF: 7318.16.0060 MFR: AVIBANK MFG. CTRL# : 2014K13232 LOT# : 1473998 LOT QTY: 20 COUNTRY OF ORIGIN: USA Country of Origin: USA	16.000	EA	0	20	320.00
10	50	MS51859-7 WASHER ECCN :9A991 Country Origin: USA TARIFF: 3926.90.4590	0.500	EA	0	50	25.00
							CONTINUED
MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.							

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SHIPPED FROM: 10000 NW 15 TERRACE, MIAMI, FL 33172

ORIGINAL INVOICE

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<http://www.KLXAerospace.com/conditions-sale/>



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXAerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
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ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

J07X5W

PAGE 4 OF 5

SEND TO ACCOUNTING

SOLD TO:
002409

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



ORDER NO. PO28872		DATE 06/18/15	SHIP VIA FEDX INTL P1 COLL		TERMS NET 45		SHIPPING TERMS FOB-MIAMI	
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION		PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
11	50	MFR: MOELLER MFG CTRL# : 2014C13518 LOT# : 10123-13/31/13 LOT QTY: 50 COUNTRY OF ORIGIN: USA Country of Origin: USA MS51859-8 WASHER ECCN :9A991 Country Origin: USA TARIFF: 3926.90.4590 MFR: SUPERIOR WASHER AND GASKE CTRL# : 2015F15247 LOT# : C138276-03 LOT QTY: 50 COUNTRY OF ORIGIN: USA Country of Origin: USA		0.300	EA	0	50	15.00
12	50	MS24694-S109 SCREW ECCN :9A991 Country Origin: USA TARIFF: 7318.15.6080 MFR: MAC FASTENERS CTRL# : 2008B02174 LOT# : 37260 LOT QTY: 50 COUNTRY OF ORIGIN: USA Country of Origin: USA These commodities, technology or software were exported from the United States in accordance		0.300	EA	0	50	15.00
CONTINUED								
MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.								

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 10000 NW 15 TERRACE, MIAMI, FL 33172

ORIGINAL INVOICE

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS INVOICE, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXAerospace.com/conditions-sale/>



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO28872**

Purchase Order Date 6/18/2015

PO Print Date 6/18/2015

Page Number 1 of 5

Order From :
KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

VU-KLX01

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 305-925-2600

Ship To Contact
Ship To Phone
Ship Via: FedEx Overnight collect
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency USD
FOB Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	AN815-8K ✓	Union	6/19/2015 Yes 6/19/2015		6.00 Each	\$16.00	\$96.00
Line Total:							\$96.00
2	AN818-8K ✓	Nut	6/19/2015 Yes 6/19/2015	FN	6.00 Each	\$6.28	\$37.68
Line Total:							\$37.68
3	AN6-11A ✓ \$335	BOLT	6/19/2015 Yes 6/19/2015		50.00 Each	\$0.45	\$22.50

Note:

6/18/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO28872

Purchase Order Date 6/18/2015

PO Print Date 6/18/2015

Page Number 2 of 5

Order From :

KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

VU-KLX01

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

305-925-2600

Ship To Contact

Ship To Phone

Ship Via:

FedEx Overnight collect

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination-Collect

Line Total: \$22.50

4 AN6-16A

BOLT

6/19/2015

Yes

6/19/2015

30.00

Each

\$0.65

\$19.50

Line Total: \$19.50

5 AN6-20A

BOLT

6/19/2015

Yes

6/19/2015

30.00

Each

\$0.75

\$22.50

Line Total: \$22.50

6 AN8-13A

Bolt

6/19/2015

Yes

6/19/2015

FN

20.00

Each

\$1.40

\$28.00

Line Total: \$28.00

Note:

6/18/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO28872**

Purchase Order Date 6/18/2015

PO Print Date 6/18/2015

Page Number 3 of 5

Order From :

KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

VU-KLX01

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 305-925-2600

Ship To Contact

Ship To Phone

Ship Via:

FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

7	MS17984-C408	PIN, QUICK RELEASE	6/19/2015 Yes 6/19/2015	FN	12.00 Each	\$14.25	\$171.00
Line Total:							\$171.00
8	MS17984-C418	QUICK RELEASE PIN	6/19/2015 Yes 6/19/2015		20.00 Each	\$16.00	\$320.00
Line Total:							\$320.00
10	MS51859-7	Washer	6/19/2015 Yes 6/19/2015	FN	50.00 Each	\$0.50	\$25.00
Line Total:							\$25.00
11	MS51859-8	Washer	6/19/2015 Yes 6/19/2015	FN	50.00 Each	\$0.30	\$15.00

Note:

6/18/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO28872**

Purchase Order Date 6/18/2015

PO Print Date 6/18/2015

Page Number 4 of 5

Order From :

VU-KLX01

Ship To : DART AEROSPACE LTD

KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

305-925-2600

Ship To Contact

Ship To Phone

Ship Via:

FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Total: \$15.00

12 MS24694-S109

Screw, Flat Head

6/19/2015

50.00

\$0.30

\$15.00

Yes

Each

6/19/2015

Line Total: \$15.00

13 71401-45

PROCUREMENT
QUALITY CLAUSES

6/19/2015

1.00

\$0.00

\$0.00

No

6/19/2015

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT

A033 STATEMENT OF CONFORMITY/TEST RECORDS

FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A043 RETENTION OF QUALITY DOCUMENT

Line Total: \$0.00

Note:

6/18/2015



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO28872**

Purchase Order Date 6/18/2015

PO Print Date 6/18/2015

Page Number 5 of 5

Order From :

VU-KLX01

KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 305-925-2600

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To Contact

Ship To Phone

Ship Via: FedEx Overnight collect

Ship Acct:

PO Total:

\$772.18

CY

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 2

Change Date: 6/18/2015

ORDER NUMBER: C138276-03

SUPERIOR WASHER AND GASKET CORP.170 Adams Avenue, P.O. Box 5407
Hauppauge, New York 11788
PHONE: (631) 273-8282
FAX: (631) 273-8088**SUPERIOR WASHER AND GASKET CORP.**170 Adams Avenue, P.O. Box 5407
Hauppauge, New York 11788
PHONE: (631) 273-8282
FAX: (631) 273-8088S ACCT NO. 6170
O KLX AEROSPACE SOLUTIONS
L DIV. OF KLX, INC.
D P.O. BOX 025263
T MIAMI FL 33102
OS ACCT NO. 6170
H B/E AEROSPACE
I 9835 NW 14TH STREET
P
T MIAMI FL 33172
OPURCHASE ORDER NUMBER
0XEA13-03TERMS
1% 10 NET 90F.O.B.
ORIGIN

DST

SPECIAL INSTRUCTIONS

FEDX#033101490 /OVR150#FEDXFRT

1.	25000	MS51859-8 REV C NYLON 6/6 .802 X .396 X .040 .832 .420 .065 SHIPPING DATES: 06/12/15
----	-------	-----------------------------------------------------------------------------------------------------

25000

23#
3ch

PAGE : 1

* PARTIAL SHIPMENT *

PACKING SLIP

ORDER NUMBER: C138276-03

SUPERIOR WASHER AND GASKET CORP.

170 Adams Avenue, P.O. Box 5407
Hauppauge, New York 11788
PHONE: (631) 273-8282
FAX: (631) 273-8088

SUPERIOR WASHER AND GASKET CORP.

170 Adams Avenue, P.O. Box 5407
Hauppauge, New York 11788
PHONE: (631) 273-8282
FAX: (631) 273-8088

S ACCT NO. 6170
O KLX AEROSPACE SOLUTIONS
L DIV. OF KLX, INC.
D P.O. BOX 025263
T MIAMI FL 33102
O

S ACCT NO. 6170
H B/E AEROSPACE
I 9835 NW 14TH STREET
P
T MIAMI FL 33172
O

PURCHASE ORDER NUMBER 0XEA13-03		TERMS 1% 10 NET 90	F.O.B. ORIGIN	DST
SPECIAL INSTRUCTIONS FEDX#033101490 /OVR150#FEDXFRT				
1.	25000	MS51859-8 REV C NYLON 6/6 .802 X .396 X .040 .832 .420 .065 SHIPPING DATES: 06/12/15		25000 23# 3ch
PAGE : 1				

CERTIFICATION OF COMPLIANCE

WE CERTIFY THAT THE ABOVE MATERIAL IS MANUFACTURED IN THE U.S.A. AND CONFORMS TO THE SPECIFICATIONS INDICATED IN DRAWINGS AND SPECIFICATIONS ON SAID PURCHASE ORDER AND PARTS ARE MERCURY FREE.

By Richard Anderson
QUALITY CONTROL MANAGER



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO28872

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
11	50	EA	MS51859-8		C138276-03	SUPERIOR WASHER AND	4WUG7		


Jason Lewis
Senior Director, Global Quality

06/18/15

Inv # 06/18/15

MACFASTENERS, INC.

Packing List

Bill KLX INC.

To: 10000 NW 15TH TERRACE
MIAMI, FL 33172

Ship B/E AEROSPACE CONSUMABLES MGMT

To: 9835 NW 14th Street
Miami, FL 33172
United States

Shipment No: 69038
Shipment Date: 04/21/15
Ship Via: United Parcel Service
Order Number: 50662
Order Date: 03/25/14

Customer Code: BE AEROSPACE
Phone: (305) 925-2600
PO Number: 0XBS90
Terms: Net 30 Days

LOT #78204

<u>Item</u>	<u>Quantity</u>					<u>Unit</u>	<u>Description</u>	<u>Revision</u>	<u>Job Number</u>
	<u>Open</u>	<u>Shipped</u>	<u>Back Ord</u>	<u>Canceled</u>					
2	3,468	3,414	0	54	EA	AN6-20A Bolt, machine-- Aircraft			78204

Packing Clerk's Initials
MACFASTENERS, INC.

Received In Good Order By
B/E AEROSPACE CONSUMABLES MGMT

MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURER'S AFFIDAVIT**

CUSTOMER: KLX AEROSPACE SOLUTIONS

PO: 0XBS90

PART NUMBER: AN6-20A

REV: 3

LOT NUMBER: 78204

MANUFACTURED QUANTITY: 4,000

MILL HEAT NUMBER: 8174659

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant

MERCURY FREE CERTIFICATION

MacFasteners certifies that the parts referenced in the above lot number
do not contain Mercury or Mercury compounds, and were
manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS within the United States, and were processed in accordance with all applicable drawings and specifications. Objective evidence of compliance is on file, subject to examination upon request.

Mac Fasteners is a DISC QSLM approved Manufacturer - CAGE Code 0RFT4
Mac Fasteners is an Airbus approved Supplier - 203399

DATE: 04/20/15


QUALITY ASSURANCE REPRESENTATIVE



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO28872

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
5	30	EA	AN6-20A		78204	MAC FASTENERS	0RFT4		


Jason Lewis
Senior Director, Global Quality

06/18/15

Inv # 06/18/15

LFC INDUSTRIES, DIV. OF RKR TECHNOLOGIES LTD.
1221 CORPORATE DR. W., ARLINGTON, TX 76006
(817) 640-1322 FAX (817) 652-1566

LFC IND. CAGE CODE # 62384, CERTIFICATION - FASTENERS IN THIS LOT WERE
MANUFACTURED, PROCESSED AND INSPECTED IN ONE RUN PER APPLICABLE
DRAWING, PROCUREMENT SPECIFICATION, ISO9001:2008, AND AS9100C.

PART # AN8-13A		REVISION 2		LOT # 53311		CUSTOMER B/E AEROSPACE		PO # ONPK61	
QUANTITY 4973		PROCUREMENT SPECIFICATION NASM6812 R3		HEAT TREAT SPECIFICATION AMS-2759/1		DESCRIPTION BOLT			
FINISH TYPE TYII CL2		FINISH SPECIFICATION AMS-QQ-P-416C		BAKE N/A		MACHINE AIRCRAFT			
THREAD SIZE 1/2 20 UNF3A		THREAD SPECIFICATION MIL-S-7742D		HARDNESS REQUIRED RC 26-32		HARDNESS ACTUAL AVERAGE RC 30.5			
NDT SAMPLE SIZE 32		NDT SPECIFICATION ASTM E1444/E1444M-12		NDT ACCEPT 32		NDT REJECT 0		LOCKING ELEMENT SPECIFICATION N/A	
MAGNETIC PERMEABILITY SAMPLE SIZE N/A		PERMEABILITY ACCEPT N/A		PERMEABILITY REJECT N/A					
RECESS TORQ SAMPLE SIZE N/A		MINIMUM TORQ REQUIRED N/A		TORQ END LOAD N/A		TORQ ACCEPT N/A		TORQ REJECT N/A	

CHEMICAL COMPOSITION ON CERTIFIED MILL TEST REPORT									
MILL HEAT # 10105440		MATERIAL SPECIFICATION AMS6322N			MATERIAL GRADE 8740		SUPPLIER WIRETECH		
C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V
.42	.95	.009	.008	.25	.44	.42	.22	.13	
B	Ti	Al	Co	Pb	Fe	Sn	Zn	N	Mg

TENSILE SAMPLE SIZE N/A			TENSILE STRENGTH REQUIRED			DOUBLE SHEAR SAMPLE SIZE N/A			D. SHEAR STRENGTH REQUIRED		
T1	T12	T23	T2	T13	T24	S1	S12	S23	S2	S13	S24
T3	T14	T25	T4	T15	T26	S3	S14	S25	S4	S15	S26
T5	T16	T27	T6	T17	T28	S5	S16	S27	S6	S17	S28
T7	T18	T29	T8	T19	T30	S7	S18	S29	S8	S19	S30
T9	T20	T31	T10	T21	T32	S9	S20	S31	S10	S21	S32
T11	T22					S11	S22				

FATIGUE SAMPLE SIZE N/A		FATIGUE MAX LOAD		FATIGUE MIN LOAD		METALLURGICAL SAMPLE SIZE 5	
F1 CYCLES	F1 LOCATION OF FAILURE	F2 CYCLES	F2 LOCATION OF FAILURE	F3 CYCLES	F3 LOCATION OF FAILURE	F4 CYCLES	F4 LOCATION OF FAILURE
F5 CYCLES	F5 LOCATION OF FAILURE	F6 CYCLES	F6 LOCATION OF FAILURE	F7 CYCLES	F7 LOCATION OF FAILURE	F8 CYCLES	F8 LOCATION OF FAILURE
FATIGUE ACCEPT	0	FATIGUE REJECT	0	MICRO STRUCTURE ACCEPT		MACRO STRUCTURE ACCEPT	
				DECARBURIZATION NONE		CARBURIZATION NONE	
				UNTEMPERED MARTENSITE NONE		GRAIN FLOW ACCEPT	
				DISCONTINUITIES ACCEPT			
DEVIATION/WAIVER NOTES N/A							
CERTIFICATION AMENDMENT NOTES N/A							
DATE 12/18/2013		SIGNATURE TITLE DATA ENTRY SPECIALIST		AUTHORIZED SIGNATURE <i>E. L. Jones</i>		AMENDMENT DATE	



MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURER'S AFFIDAVIT**

CUSTOMER: B/E AEROSPACE

PO: 0NMV90

PART NUMBER: AN6-11A

REV: 2

LOT NUMBER: 67208

MANUFACTURED QUANTITY: 18,000

MILL HEAT NUMBER: 8099283

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant

MERCURY FREE CERTIFICATION

MacFasteners Inc. certifies that the parts referenced in the above lot number do not contain Mercury or Mercury compounds, and were manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS, INC. within the United States, and were processed in accordance with all applicable drawings and specifications.

Objective evidence of compliance is on file, subject to examination upon request.

DATE: 10/02/13


QUALITY ASSURANCE REPRESENTATIVE

MacFasteners, Inc. is an AS9100C Registered Company- SAI GLOBAL - 0058029



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO28872

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
2	6	EA	AN818-8K		P00030133-33742	NELSON AEROSPCE/PERM 52930			


Jason Lewis
Senior Director, Global Quality

06/18/15

Inv # 06/18/15

PERMASWAGE

PERMASWAGE - Nelson Aerospace
A Designed Metal Connections, Inc. Company
10310 Norris Avenue
Pacoima, CA 91331
Ph: 818-686-0900
Fax: 818-686-0181

Pack Slip: 52700



Sales Order: 30804



Page: 1 of 1

**Customer
Packing Slip****Ship To:**

B/E AEROSPACE CONSUMABLES MANAGEME
9835 NW 14TH ST
MIAMI FL 33172
USA

Verify AES requirements prior to shipment.

Sold To:

B/E AEROSPACE CONSUMABLES MANAG
10000 NW 15TH TERRACE
MIAMI FL 33172-2756
USA

Verify AES requirements prior to shipment.

Fax: 305-507-7192

Ship Date: 1/16/2014

Ship Via: FEDEX GROUND

F.O.B.: EX WORKS

Cust P.O.: OSHE53

Salesperson: JIM THOMPSON

PO Line	Planned Qty	Shipped Qty	Part Number/ Description	Unit	Rev	Lot Number
FEDEX GRD # 0331-0149-0						

RELEASE # Z37U0SHE53

500

500

AN818-8K

20

F00030133-33742

NUT

Sale Order / Line / Release: 30804 / 1 / 1

Customer PO Number: OSHE53

Certificates Required:

Standard Certification: No
Full Certifications: Yes

First Article Inspection: No
Chemical/Physical: No

Material Certificate: No
FAIR per AS9102: No

Product is compliant to DFAR 252.225-7009

1 Box 8x5x5 4 lbs
1 Box 10x8x6 25 lbs

AN, MS, AS, NAS and other industry standard parts controlled by ECCN 9A991 and HTS 8803.30.00.00**Products listed have not been exposed to mercury or mercury compounds during the manufacturing process.****!! MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY PERMASWAGE - NELSON AEROSPACE SALES @ 818-686-0900 !!**

WE HERBY CERTIFY THAT ALL PROVISIONS OF THE FAIR LABOR STANDARDS ACT ON 8/25/83 AS AMENDED HAVE BEEN FULLY COMPLIED WITH IN THE MANUFACTURE, PRODUCTION OR PURCHASE OF GOODS LISTED HEREON. ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE. ALL PAST DUE ACCOUNTS SHALL BEAR INTEREST AT THE RATE OF 1 1/2% PER MONTH (18% PER ANNUM).

Certification of Conformance

NELSON AEROSPACE WARRANTS THAT THE ITEMS OF THIS SHIPPER WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM, ACCOMPANYING THE ITEMS OF THIS INVOICE, ARE IN CONFORMITY WITH CONTRACT REQUIREMENTS AND SPECIFICATIONS, GOVERNMENT OR OTHERWISE. NELSON AEROSPACE DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF THE FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF NELSON AEROSPACE IS EXPRESSLY LIMITED TO REPLACEMENT OF ANY ITEM WHICH IS REJECTED BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP. SUCH REPLACEMENT SHALL CONSTITUTE SATISFACTION OF ALL LIABILITY NELSON AEROSPACE MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE OR OTHERWISE, AND IN NO EVENT SHALL NELSON AEROSPACE BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, NELSON AEROSPACE MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.

Country of Origin: MADE IN THE USA

BY RECEIVING DELIVERY OF THE GOODS COVERED BY THIS PACKING SLIP, BUYER EXPRESSLY ASSENTS TO THE TERMS AND CONDITIONS SET FORTH.

Manager of Quality Assurance or Designee



339-02 Rodaccia Pechi R.C. - Via Leopoldo 1 - 66044
Tel. +39021878111 - Fax +39021878312
Internet: www.rodaccia.com - e-mail: info@rodaccia.com

Azienda con sistema di gestione certificato da ISO
secondo UNI EN ISO 9001:2008

The Company's Quality Management System
is certified by ISO according to UNI EN ISO 9001:2008

CERTIFICATO DI CONTROLLO Inspection Certif N. 072018 Date 8/10/2012

Secondo According to EN 10204:2004 3.1

DESTINATARIO - Cargo-Receiver

CLIENTE - Customer

RODA SPECIALTY STEEL, INC.

RODA SPECIALTY STEEL, INC.

432 DIENS DRIVE
60090 WHEELING, ILLINOIS

432 DIENS DRIVE
60090 WHEELING, IL

ORDINE - Order

D.d.T. - Delivery note

N. 900930 Date 18/05/2012

N. 10087/13 Date 8/10/2012

Weight Lb 8995

Ord. Nr. 2012/A/27379
Bars Length 12 - 12 ft.

QUALITA' - Grade

STANDARD Type 316 / 316L ✓ UNS S 31600 - 31603

rk RODACCIAI 316 L P 85

COLATA - Heat 333435 ✓

METAL BARS INC.
OUR INVOICE #/ 156780
YOUR P.O. #/ 33742

PROFILO - Shape HEXAGON ✓

DIMENSIONE - Size 7/8" ✓

ESECUZIONE - Form of delivery COLD DRAWN

ANALISI CHIMICA DI COLATA - Cast analysis % by mass

C	Mn	Si	S	P	Cr	Ni	Mo	Cu	Co
0,027	1,620	0,470	0,0290	0,032	16,500	10,000	2,030	0,280	0,100

N
0,0400

CARATTERISTICHE MECCANICHE ALLO STATO DI FORNITURA

Mechanical properties of delivered material

		Tested	Min
Tensile Strength	Rm PSI	102925,0	100000
Yield Strength	Rp(0,2) PSI	84813,0	80000
Elongation	A 4 (%)	34,3	25
Hardness	HBW	214,0	
Reduction of area	Z (%)	65,2	40

NOTE - Notes

According to : ASTM A276-10 - ASTM A479/A 479M - 11

AMS 5648L 2011 AMS QQ-8-763 Rev B 2006 cond.A

According to : ASTM A276-10 ASME Boiler and pressure vessel
code, section III subsection NCA-3800

Intergranular corrosion tested to ASTM A262-10 practi.E:OK

The material was produced by EP + A.O.D.

Pag. 1 / Segue

NA
130



35042 Rodacciai Pavia R.L. - Via Legnano 1 - 03042
Tel. +39038281111 - Fax +390382812
Internet: www.rodacciai.com - e-mail: info@rodacciai.com

Azienda con sistema di gestione certificato da ISO
secondo UNI EN ISO 9001:2008

The Company's Quality Management System
is certified by ISO according to UNI EN ISO 9001:2008

Segue certificato di controllo
Inspection Certificate's continuance

N. 072018 Date 8/10/2012

NOTE - Notes

Heat treatment = 1950°F quenched in water

We certify that the contents of this report are correct and accurate and that all operations on the material are in compliance with the requirements of the material specification.

Conforms to PARKER specification SS60 ES-210 revised 7-28-00

100% crack tested : OK

The raw material was melted in Spain. This product was manufactured in Italy. - DFARS clause 252.225-7014 ALT 1
Material according to our specification Nr. 385

We certify hereby, that the above mentioned products are consistent with the order prescriptions. This certificate was generated by data system acc. to EN 10204, it is not necessary to be signed for validity.

METAL BARS INC.

OUR INVOICE #/ 156780

YOUR P.O. #/ 33742

Reid Metal Finishing
3110 West Harvard
Santa Ana, CA 92704
Phone: (714) 549-3771
Fax: (714) 549-3008

CERTIFICATION

P/L # 88881

01/08/2014

SOLD TO:

PERMASWAGE-NELSON AEROSPACE
10310 NORRIS AVE
PACOIMA, CA 91331

SHIP TO:

PERMASWAGE-NELSON AEROSPACE
10310 NORRIS AVE
PACOIMA CA 91331

Ship: Cust. Pickup

Net 45

QUANTITY		DESCRIPTION		QTY		QTY	
1,406	qty.	AN818-8K	NUT				
	Per: ea.			34587		90956	23376
	0 B/O	87.00 /bs.					

24 HOUR WATER IMMERSION TEST / PASSIVATED IAW AMS2700E, METHOD 1, TYPE 6, CLASS 1 / LOT NO.
F00030133-33742

WE HEREBY CERTIFY COMPLIANCE TO THE BELOW REFERENCED PROCESS SPECIFICATION(S)

Passivate Method 1 Type 6 (Nitric 2)
REF: AMS 2700 (ASTM A967/A967M)

Color:
Rev: E (13)



Q.C. MANAGER: _____

Julio Anzures



Processes are performed by RMF in accordance with the latest revisions or superseding specifications. This certification also meets the requirements for designs and drawings developed under older revisions and/or non-current specifications. An Electrode Technologies, Inc., Company.

**MOELLER MFG. & SUPPLY, INC.**

805 EAST CERRITOS • ANAHEIM, CA 92805

(714) 999-5551 • FAX (714) 999-5970

<http://www.moellermfg.com>

cage code: 58009

SHIPPER NO. : 56623

**CERTIFICATION
PACKING LIST**S
O
L
D
T
O
B/E AEROSPACE, INC
CONSUMABLES MGMT
PO BOX 025263

MIAMI FL 33102-5263

Customer #: B/E AER-FL

S
H
I
P
T
O
B/E AEROSPACE CONSUMABLES
MANAGEMENT
9835 NW 14TH ST

MIAMI FL 33172

P.O. #: 0WTP99

DATE ORDER REC'D.	ORDER NO.	COMMENTS	SHIPPED VIA	TERMS	DUE
3/6/2014	0WTP99		FED X GRD	1%-10/N-30	3/20/2014
ITEM	ORDERED	SCHEDULED	SHIPPED	PART NUMBER/DESCRIPTION	NET WT.
01	1,000	1,000	1000 RL	MS51859-7 {S} REV. C 149 BOX1 LOT 10123- 12/31/13 31 BOX2 ABCHPUV 1000	0.585

MANUFACTURED IN THE U.S.A.

MOELLER MFG. & SUPPLY, INC. • PACKING LIST & CERTIFICATION

WE CERTIFY THAT THE MATERIAL ON THIS ORDER CONFORMS IN ALL RESPECTS TO THE CURRENT APPLICABLE GOVERNMENT AND/OR MANUFACTURER'S SPECIFICATIONS.

1. ALL ITEMS ABOVE ARE MANUFACTURED IN ACCORDANCE WITH THE MATERIAL AND PROCESSING SPECIFICATIONS OF THIS ORDER. WE ALSO CERTIFY THAT THESE PARTS HAVE NOT COME IN CONTACT WITH MERCURY WHILE IN OUR POSSESSION.

2. THE GOODS COVERED BY THIS INVOICE WERE PRODUCED IN COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS OF THE FAIR LABOR STANDARD ACTS OF 1938, AS AMENDED. ALL CLAIMS FOR ERRORS OR SHORTAGES MUST BE MADE WITHIN 10 DAYS AFTER RECEIPT OF GOODS. NO GOODS TO BE RETURNED WITHOUT WRITTEN AUTHORIZATION. ALL CLAIMS FOR DEFECTIVE MATERIAL MUST BE FILED WITHIN 30 DAYS OF SHIPMENT TO RECEIVE CONSIDERATION. WE DO NOT ASSUME FINANCIAL RESPONSIBILITY FOR LIABILITY FROM THE USE OF PRODUCTS SOLD, OTHER THAN REPLACEMENT VALUE OF THE PRODUCTS SOLD, IF CLAIMED WITHIN THE SPECIFIED TIME LIMIT ABOVE.

3. PARTS ARE TO BE CONSIDERED ITAR EXEMPT OR DUAL PURPOSE UNLESS OTHERWISE STATED.

BY

Darin Moeller
DARIN MOELLER, QUALITYRECEIVED IN
GOOD CONDITION BY
DATE

3/7/14

PACKED BY

RL

BAGS

1

CARTONS

GROSS WT. 1

MOELLER MANUFACTURING. & SUPPLY, INC. • 805 EAST CERRITOS • ANAHEIM, CA 92805 • U.S.A.

MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURER'S AFFIDAVIT**

CUSTOMER: B/E AEROSPACE

PO: OTMH34

PART NUMBER: AN6-16A

REV: 3

LOT NUMBER: 71005

MANUFACTURED QUANTITY: 8,400

MILL HEAT NUMBER: 8195136

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225.7009 Compliant

MERCURY FREE CERTIFICATION

MacFasteners certifies that the parts referenced in the above lot number do not contain Mercury or Mercury compounds, and were manufactured in a Mercury free environment.

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS within the United States, and were processed in accordance with all applicable drawings and specifications. Objective evidence of compliance is on file, subject to examination upon request.

Mac Fasteners is an AS9100C Registered Company- SAI GLOBAL - 0058029
Mac Fasteners is a DISC QSLM approved Manufacturer - CAGE Code 0RFT4
Mac Fasteners is an Airbus approved Supplier - 203399

DATE: 08/04/14


QUALITY ASSURANCE REPRESENTATIVE



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXAerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO28872

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
4	30	EA	AN6-16A		71005	MAC FASTENERS	ORPT4		


Jason Lewis
Senior Director, Global Quality

06/18/15

MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURER'S AFFIDAVIT**

CUSTOMER: M & M AEROSPACE

DATE: 02/01/08

PO NUMBER: OAK013

PART NUMBER: MS24694S109

REVISION: NEW

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225-7014, ALTERNATE 1 COMPLIANT

LOT NUMBER: 37260

MANUFACTURED QUANTITY: 60,000

MILL HEAT NUMBER: 8997268

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS, INC. within the United States, and were processed in conformance with all applicable drawings and specifications.

Objective evidence of compliance is on file, subject to examination upon request.


QUALITY ASSURANCE REPRESENTATIVE



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO28872

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
12	50	EA	MS24694-S109		37260	MAC FASTENERS	0RPT4		



Jason Lewis
Senior Director, Global Quality

06/18/15

Inv # 06/18/15

** DEARS ** ** CERT Q13-P **



AV BANK
MFG. INC.
AEROSTRUCTURES DIVISION, A PCC COMPANY

11500 SHERMAN WAY • NORTH HOLLYWOOD, CA 91605

PHONE: (818) 392-2100 • FAX: (818) 255-2094

No ozone depleting substances used in processes.

CERTIFICATE OF CONFORMANCE

SHIPPER

DATE SHIPPED

06/22/14

PAGE	OF	DATE ENTERED	SALES ORDER NO.
1	1	02/06/14	690444-9521

B 103866
I B/E AEROSPACE, INC. (MIAMI)
L 10000 N.W. 15TH TERRACE
L

T MIAMI, FL
O USA 33172

S B/E AEROSPACE CONSUMABLE MGMNT
H 9835 NW 14TH ST
I
P

T MIAMI, FL
O USA 33172

CUSTOMER ORDER NO.							CONTRACT NUMBER				RATING		ORDERED BY		REC'D BY		TERRITORY NO.	
OWEH81													ROHAN		GLE		124	
	P/S	CERT	INV	DD 350 REQ'D	PMES PMS REQ'D	RESALE OR TAX	VAR %	TYPE OF INSPECTION				TERMS		FREIGHT				
0	1	1	3	N	N	R						1/2% 10, NET 30		NOHO/COLLECT				
SHIPPED VIA																		
FEDEX GROUND																		

ITEM NO.	NO. SHIPPED	UNITS	PART NUMBER / DESCRIPTION		NO. BACKORDERED
1			FEDEX ACCT# 0331-0149-0 QAP 33.0 CLAUSES A,A.1,B,C,E,H,P,U,V,APPLY *** 3 LOT MAX *** RELEASE #E2YDOWEH81 1000 E BLC4BA08S MS17984C408 SHIP#: 1 QTY : 991 LOT:1427041 DUE : AREA :NS AISLE :E SEC:17 SHELF SHIP#: 1 QTY : 9 LOT:1428084 DUE : AREA :C6 AISLE :2 SEC:3 SHELF		0
<p>TO OUR VALUED CUSTOMERS A RETURN MATERIAL AUTHORIZATION (RMA) NUMBER IS REQUIRED FOR ALL PRODUCTS RETURNED TO AVIBANK TO REQUEST A RMA NUMBER CONTACT YOUR AVIBANK SALES ASSOCIATE AT 818/392-2100</p> <p>THESE COMMODITIES WERE EXPORTED FROM AVIBANK MFG., INC. IN ACCORDANCE WITH EXPORT ADMINISTRATION REGULATIONS OR INTERNATIONAL TRAFFIC IN ARMS REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. COMPLIANT WITH DFARS 252.225.7014 ALT 1</p>					

PULLED BY	SHIPPED BY	SHIP VIA	DATE SHIPPED	WAYBILL/OTHER INFO	NO. OF PKGS.	WEIGHT

We hereby certify that all materials used in the manufacture of parts covered by this report conform to the material specifications called for by the above purchase order. We further certify that the parts are manufactured in accordance with applicable drawings or specifications current on the date on which the order was placed. Test reports covering materials in these parts, and indicating conformance with applicable specifications, are on file and subject to examination. No ozone depleting substances were used in processes. Parts are mercury free of contamination.

WI-14-AMS-004 REV:NC

AVIBANK MFG., INC.

BY: AUTHORIZED QUALITY CONTROL REPRESENTATIVE

**AVIBANK**
MFG. INC.

AEROSTRUCTURES DIVISION, A PCC COMPANY

11500 SHERMAN WAY • NORTH HOLLYWOOD, CA 91605

PHONE: (818) 392-2100 • FAX: (818) 255-2094

CERTIFIED TEST REPORT

1 of 1

CUSTOMER: B/E AEROSPACE, INC. (MIAMI)**SHOP ORDER NO./WORK ORDER NO.:** 1427041**CUSTOMER P/N:** MS17984C408**CUSTOMER P.O.:** OWEH81**QTY. SHIPPED:** 991**AVIBANK P/N:** BLC4BA08S RV.N**PART NAME:** S/A STANDARD**PROCUREMENT SPEC:** NAS1332**BODY WO.:** 1423578 **QTY. MFG'D:** 1,000

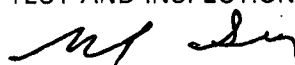
PROCESS	PROCESSOR	TYPE/CLASS	SPECIFICATION
ANODIZE	K & L ANODIZING CORP. BURBANK, CA.	II/2	MIL-A-8625 'F'
HEAT TREAT	AVIBANK MFG., INC., NO. HOLLYWOOD, CA.	CH900	AMS2759 'E'
HEAT TREAT	AVIBANK MFG., INC., NO. HOLLYWOOD, CA.	HRC 40 MIN	AMS2759 'E'
PASSIVATE	AVIBANK MFG., INC., NO. HOLLYWOOD, CA.	2	AMS2700 'E'

NO.	* BOLT TENSILE (LBS.)	TORQUE (IN-LBS.)	* RETAINING DEVICE TENSILE (LBS.)	() ** SHEAR (LBS.)
1.	N/A	N/A	250 NF	10,060
2.	N/A	N/A	247 NF	10,000
3.	N/A	N/A	245 NF	10,100
4.				
5.				
REQT.	N/A MIN.	N/A MIN.	230 MIN.	9,200 MIN.

* BF = BALL HOLE FAILED. * TF = THREADS FAILED. * NF = NO FAILURE. ** (S) = SINGLE SHEAR. ** (D) = DOUBLE SHEAR.

OTHERS: THESE PARTS WERE LAB TESTED PER 'NAS' REQTS AND FOUND ACCEPTABLE.
SALES ORDER NO. 690444-9521.

AVIBANK MFG., INC. CERTIFIES THAT THE PARTS LISTED ABOVE WERE MANUFACTURED IN COMPLIANCE WITH YOUR PURCHASE ORDER. ALL TEST AND INSPECTION REPORTS ARE ON FILE AT AVIBANK FOR VERIFICATION.

AUTHORIZED SIGNATURE:  MICHAEL SERVERA Q.C. CLERK

WI-03-CTR-005 rev NC

DATE: 06/22/14



Linear Motion. Optimized.

SHIP TO: AVIBANK MFG INC
11500 SHERMAN WAY
NORTH HOLLYWOOD CA 91605
United States

CERTIFICATE OF CONFORMANCE		
DELIVERY NAME: 2891806	DATE PRINTED: 27-NOV-2013	PAGE: 1 of 1
SHIP FROM: ABEK LLC 492 Birch Street Bristol CT 06010 United States		
Tel: (860) 314-3921 Fax: (860) 314-3942		
BILL TO: AVIBANK MFG INC 11500 SHERMAN WAY NORTH HOLLYWOOD CA 91605 United States		

PICK-UP DATE: 26-NOV-2013	SHIP METHOD: UPS-Truck-Ground	FREIGHT TERMS: COLLECT - FROM ORIGIN	FSCM:					
DELIVERY TERMS EXWORKS FACTORY	TAX NAME: EXEMPT	CUSTOMER TAX NUMBER:	WAYBILL: 120176470367731074					
SHIPPING INSTRUCTIONS: ACCT# 60X10X		TAG NUMBER/REF:						
PO REF#:								
ITEM NUMBER	REFERENCE ITEM	ITEM DESCRIPTION	CUSTOMER PO NO.	ORDER NO.	QTY ORDERED	QTY SHIPPED	QTY IN STOCK	QTY ON ORDER
SS0078121CXXDF	SS0078121CXXDF	5/64 440C GRADE 100 (DFAR REQUIRED) - SS0078121CXXDF	752322	1782142	1.1	MPC	60.0	60.0
COUNTRY OF ORIGIN: ****EAR99****		United States						
Lot Number	Quantity	Heat Number		Hardness Test		Hardness		
L0012835	36.755	G16861R09 ✓		HRC		60-61		
L0012500	23.245	548226		HRC		60/62		
Material meets DFAR 252.225-7009:7014. Material certs meet ASTM F-2215. Material meets AMS QQ S 763 and AMS 5630 Country of Origin (Ball): USA Country of Melt (Material): USA These commodities, technology or software, if being exported from the United States must be exported in accordance with the Export Administration Regulations. Diversion contrary to U.S. Law is prohibited.								
CERT REVIEW								
MAIN LOT #		1427041, 1428084						
COMPONENT LOT #		1402738						
NAME		Ball						
CLERK: --		--						
		NUMBER OF PACKAGES 1		GROSS WEIGHT 6.0 LB		VOLUME		
THE UNDERSIGNED, INDIVIDUALLY, AND AS THE AUTHORIZED REPRESENTATIVE OF THOMSON INDUSTRIES INC., WARRANTS AND REPRESENTS THAT; ALL THE INFORMATION SUPPLIED ABOVE IS TRUE AND ACCURATE; THE MATERIAL COVERED BY THIS CERTIFICATION CONFORMS TO ALL CONTRACT REQUIREMENTS (INCLUDING BUT NOT LIMITED TO THE DRAWING AND SPECIFICATIONS); THE INSPECTION AND THE ANALYSIS HEREIN ARE TRUE AND ACCURATE.								
QUALITY ASSURANCE MANAGER AUTHORIZED SIGNATURE								

PERTH, ON
ERN, ON
DUMAS, AR
LANCASTER, SC
FOND DU LAC, WI

613-267-3752 FAX 613-267-5517
616-823-6832 FAX 616-823-2128
670-382-2880 FAX 670-382-8888
803-283-3383 FAX 803-283-8303
920-926-0609 FAX 920-926-0652



CENTRAL WIRE

UNION, IL
HOUSTON, TX
PERRIS, CA

616-823-2131 FAX 616-823-2128
713-486-1000 FAX 713-486-7425
951-867-2105 FAX 951-843-8061

THE LEADING MANUFACTURER OF STAINLESS STEEL, NICKEL ALLOYS AND WELDING WIRE PRODUCTS
EXECUTIVE OFFICES: PERTH, ON CANADA - EMAIL: sales@centralwire.com

CENTRAL WIRE LANCASTER
1562 CARNEY ROAD, LANCASTER
SOUTH CAROLINA U.S.A 29720

CERTIFICATE OF CONFORMANCE

SOLD
TO

NEW ENGLAND MINIATURE BALL, LLC
P.O. BOX 585
NORFOLK CT 06058-0585
USA

SHIP
TO

NEW ENGLAND MINIATURE BALL, LLC
163 GREENWOODS ROAD WEST
NORFOLK CT 06058-0585
USA

CUSTOMER'S PO NO. 028994-00	TYPE OF CERT Customer	CUSTOMER 121470	ORDER NO. 1157709	1	WORK ORDER 4116821	DATE SHIPPED 1/21/11
SPECIFICATIONS: ROD TENSILE 118.0 (UNITS KSI)						

ITEM DESCRIPTION		
DESCRIPTION	SPEC. CLASS	HEAT
Forming 440C ANNEALED Black .1200 Coils Std. Clean	Melt mill USA Country of origin USA	G16861R09
	QTY SHIP 2478	035

CHEMICAL ANALYSIS						
C 1.03 ✓	MN .76 ✓	SI .29 ✓	S .003 ✓	P .014 ✓	CR 16.98 ✓	W < .05
V .05	NI .32 ✓	MO .49 ✓	CO < .05	CU < .02 ✓	SN .005	CB .01
AL < .01 ✓	TI < .01	N .046				

MECHANICAL PROPERTIES							
AS SHIPPED PROPERTIES: DIAMETER .1201							
TENSILE 97.800 KSI	HARDNESS 92.000						
AFTER HEAT TREAT PROPERTIES:							

ASM 5830
AMS-QQ-S-763
ASTM A756
ASTM-F2215

AMS 5618 AMS 5880

Lot# 14,2828

FEB 01 2014

The material as shipped is free from mercury contamination. I certify the chemical analysis and physical and mechanical test results reported above are correct as contained in the records of the company.

Very truly yours,

AUTHORIZED SIGNATURE



ALARD Machine Products
1629 West 132nd Street, Gardena, CA 90249-2005
Phone: (310) 323-4374
Fax: (310) 323-6031
www.alardmachine.com



CERTIFICATE OF CONFORMANCE

CUSTOMER

Adibond MFG

PURCHASE ORDER NO.

739831

PART NO.

16-4C

REV. AE

BUYER

Carlos T. Guerrero

ALARD SHIPPER NO.

92626

QTY. 50 010,8

ALARD SALES ORDER NO. 21912-5 ALARD SHOP ORDER NO. 21912-3

This is to certify that articles delivered under this shipper conforms to all applicable drawings and specifications furnished with or referenced in the above order, except for materials supplied by purchaser. Chemical and /or physical test reports and other evidence of conformance with the specifications are on file and subject to examination for a period of 10 years from date of shipment.

During the manufacturing processes, tests and inspections, this product has not come in contact with mercury or any of it's compounds, nor with any mercury containing device employing a single boundary of containment without specific approval of the purchaser. This requirement has been passed on to all sub-contractors.

By:

[Signature]
AUTHORIZED ALARD REPRESENTATIVE

Date:

04-09-13

INSPECTOR
TITLE

CERT REVIEW

MAIN LOT #

1427041, 1428084

COMPONENT LOT #

KB30070

NAME

SHOULDER RING

CLERK:



1901 N. Narragansett Ave. • Chicago, Illinois 60639
773/804.0404 • Fax 773/804.0408
www.industeel.com
An ISO 9001 Certified Company

11/05/13

ISW Order/Invoice Number: 171013-00

SOLD TO: A9990
AVIBANK MFG. CO.

SHIP TO: A9991
AVIBANK MFG. CO.
11500 SHERMAN WAY

P.O. BOX 9909
NO HOLLYWOOD CA 91609

NO. HOLLYWOOD, CA 91605

CUSTOMER PO: 751295

085017BT

.0850"17-7 PH STAINLESS COND C CNT CLS

WEIGHT: 500

HEAT NUMBER: E121590

CHEMISTRIES

C	Mn	P	S	Si	Cr	Ni	Al
.082 ✓	.880 ✓	.029 ✓	.001 ✓	.269 ✓	16.630 ✓	7.560 ✓	.926 ✓
Mo	Cu						
.310 ✓	.255 ✓						

PHYSICAL PROPERTIES

TENSILE: 253000C 307000CH

TORSIONS: OK

ROCKWELL #1:

BENDS: OK

ROCKWELL #2:

SALT SPRAY HOURS:

YIELD STRENGTH: 000000C/000000CH

COATING WEIGHT:

ELONGATION:

GRAIN SIZE:

REDUCTION OF AREA:

**** MERCURY FREE ****

*** SPECIFICATIONS ***

ASTM A313-10

AMS 5678-F ✓

TARIFF: 7223.00

NAFTA: B

CERT REVIEW

MAIN LOT #

1427041, 1428084

COMPONENT LOT #

KB30615

NAME

RING

CLERK: ...

Rey Domingo, Quality Control Manager



1389733

NOV 8 '13

The values and specifications herein are passed through from the manufacturer directly to the customer.
Please see reverse side or www.industeel.com for all Terms and Conditions of Sale.
Material Properties Sheet 70403-MPS Version 1 Approved by BF 11/20/12

Certified Inspection Report

08/13/13
09:02:55

Alcoa Inc.
Massena Operations
Park Avenue East, Massena, NY 13662



Customer **Bralco Metals** Customer P.O. No. **43-110865** Customer Part No. **MMC-A7719-002** Alcoa Order No. **MMC-A7719-002** Govt. Contract No.

Ship To **Bralco Metals**
15090 Northam St
La Mirada, CA 90638

We hereby certify that the material covered in this report has been inspected in accordance with, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, or as previously agreed to with customer and that samples representative of the material met the composition limits and have the mechanical properties shown on the face of this sheet. Manufactured under an ISO/TS 16949 registered quality management system. Melted and manufactured in the USA.

James E. Samuel II
James E. Samuel II, Quality Assurance Manager

Date Shipped **08/13/13** Weight Shipped **1,055 lbs** Product **CFRB-SMS-ROD DIA. X 12 FT** BOL **000161350**
Alloy - Temper **2024-T351** Size **0.81250 IN** Shape **DIA** Config **12 FT** QRR

Specifications:

AMS 4120R (Except Marking)
AMS-QQA-225/6A
Material conforms to T4 requirements
QA-225/6E (1)
ASTM B211-12E1

Product produced and marked to the requirements of AMS-QQ-A-225/6 also meets the requirements of QQ-A-225/6.
Product produced and marked to the requirements of QQ-A-225/6 also meets the requirements of AMS-QQ-A-225/6.

**THIS METAL HAS NOT BEEN
EXPOSED TO MERCURY OR MERCURY
CONTAINING COMPOUNDS WHILE IN THE
POSSESSION OF BRALCO METALS**

TEST REQUIREMENTS		Test	Test	Test	Test	Test	Test	Test	Test	Test
		U.T.S.	T.Y.S.	%Elong						
Max:										
Min:		62.0	45.0	10.0						

Test Results		Test	Test	Test	Test	Test	Test	Test	Test	Test
Lot / Work Order		U.T.S.	T.Y.S.	%Elong						
MA20131781										
No. of Tests	6									
Max:		68.8	51.5	22.0						
Min:		67.9	50.9	20.5						

When 2 or more tests per lot are made, the highest and lowest values are reported.
Analysis obtained from one or more samples in this lot.

TEST ABBREVIATIONS

U.T.S. Ultimate Tensile Strength KSI T.Y.S. Tensile Yield Strength KSI %Elong Elongation % in 2"

Aluminum Association Chemical Composition Limits (in Weight %)

ALLOY	MAX	%SI	%FE	%CU	%MN	%MG	%CR	%ZN	%TI	%Others	%Others	%AL
2024	MIN	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.15	Rem
				3.8	0.30	1.2				Each	Total	

Actual Started Chemistry

LOT/WORK ORDER	MAX	%SI	%FE	%CU	%MN	%MG	%CR	%ZN	%TI	%OE	%OT	%AL
MA20131781	MIN	0.06	0.25	4.6	0.64	1.5	0.01	0.04	0.02	LT 0.05	LT 0.15	Rem
		0.06	0.25	4.5	0.63	1.5	0.01	0.04	0.02			

NOTES:

Mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product.
This alloy meets the requirements of EU 2011/65/EC (RoHS) and EU 2000/63/EC for lead, mercury, cadmium and hexavalent chromium.

CERT REVIEW

MAIN LOT #
1427041

COMPONENT LOT #
KB30529

NAME
BUTTER HANDLE

CLERK: _____

Page 1

AUG 31 2013



Sold to: AVIBANK MFG., INC. PO: 747576 Part: Order No.: 409791

TR clerk signature: _____

1369145

K & L Anodizing Corporation
Certification

Order No.: 301590

Date: 10/30/2013

Entry Date: 10/23/2013

Page: 1 of 1

To:

Avibank Mfg. Inc.
11500 Sherman Way
P.O. Box 9909
North Hollywood CA 91609-1909

Purchase Order No.: 750651

Packing List No.:

Material: 2024-T4

293689

We are pleased to provide you with the following Certification. The item(s) described were finished and accepted in accordance with the stated specification
Nadcap Accredited

Quantity	Part Number / Part Name / Part Description	Pounds
4,910	5-4AB Rev. P Button-Handle	

Mil-A-8625 Rev.F Amend. 1 KLC 001 / KLC 0007
Anodize per Mil-A-8625 Rev. F Am. 1 Type II Class 2 Black.
Mercury Contamination Free


Insp. Type	Scale	Minimum	Maximum	Number	Other
Customer Requirements:					
Visual					Sample or 100%

LSS# 200

Notice: All finishing completed by K & L Anodizing will carry a liability not to exceed the amount of the finishing charges for the work done on any material. The only exception shall be by written agreement signed by both parties.

CERT REVIEW

MAIN LOT #
1427041
COMPONENT LOT #
KB30529
NAME
Button Handle
CLERK: .. - - -


Q. C. Review
Sig. *Nancy*
Date 10/31/13
Lot# 1388224

Nadcap AS7003 #4908143853 10/31/2015
Nadcap AC7108 #4908153454 10/31/2014

Luisa Sagory
Luisa Sagory
Cert Control
K & L Anodizing Corp.

Order No: 3717007
Time 17:55:27



FRY STEEL COMPANY
Registered ISO 9001
13325 MOLETTE ST.
SANTA FE SPRINGS, CA 90670
(562) 802-2721

A08040
Cust. NO.: 756825
P.O. NO.:

CERTIFICATE OF COMPLIANCE

AVIBANK MFG INC
ATTN: ACCTS PAYABLE
P O BOX 9909
NORTH HOLLYWOOD CA 91609-1909

AVIBANK MFG
11500 SHERMAN WAY
***RECEIVING CLOSED 11:30-12**
NORTH HOLLYWOOD CA 91605-5827

02/17/14

QTY	-DESCRIPTION-	-ITEM CODE-	-HEAT NUMBER-
	CG 15CR 5NI PPT HT VM PH AMS 5659 TY 1 DK BLUE/COPPER		
44	BARS 7/16"RD 12'RL	100	G20523K04
10	BARS .505"RD 12'RL	130	G18723K05
	RT 15-5 ESR AMS 5659 TY 2 LT BLUE/COPPER		
2	BARS 2-1/8"RD 12'RL	77540	G20580R03
	CG 17CR 4NI PPT HT SOL TR PH AMS 5643 SILVER/RED		
500	BARS .255"RD 12'RL	9170	E131099
	DG&P 8740 ANN AMS 6322 RED/YELLOW		
92	BARS .510"RD 12'RL	50260	8172051

NOTICE

A COPY OF THE ORIGINAL MILL CERTIFICATION IS ATTACHED*

CHEMICALS & PHYSICALS ARE REPORTED THAT WILL MEET THE SPECIFICATIONS SHOWN ON THE CERTIFICATE.
EXCEPTIONS TO SPECIFICATIONS SHOULD BE SHOWN ON THE CERTIFICATION.

AUTOMATIC EXCEPTIONS TO THE SPECS LISTED ARE: LINE MARKING AND INSPECTION(I.E. MAG., SONIC, ETC.)

WE SUGGEST CONSULTING AN EXPERT ABOUT RELATED INSPECTION, PRIOR TO ALTERING THE MATERIAL FROM THE AS SHIPPED/RECEIVED
CONDITION. 'DEFECT FREE' MATERIAL CAN NOT BE GUARANTEED WITHOUT PRIOR INSPECTION APPROPRIATE TO APPLICATION.

NO WELD REPAIR HAS BEEN PERFORMED AND THIS MATERIAL IS FREE FROM MERCURY AND RADIUM
CONTAMINATION AT TIME OF SHIPMENT

The willful recording of false, fictitious or fraudulent statements on this document may result as a felony under federal statutes.
*WHEN APPLICABLE

-- TO THE BEST OF OUR KNOWLEDGE MATERIAL IS CONFLICT MINERAL FREE --

CERT REVIEW

MAIN LOT #
1427041, 1428084
COMPONENT LOT #
1423578
NAME
Body



Q. C. Review

Sig Namick
Date 2/25/14

Lot# 1419118

Chip Sandoval
CHIP SANDOVAL - Q.C. MANAGER

CLERK: L

FRY STEEL CO. CERTIFIES THAT THIS IS
A TRUE COPY OF THE ORIGINAL MILL TEST
REPORT NOW ON FILE
RECEIVED AND INSPECTED

TRI STAR METALS, LLC
375 VILLAGE DR.
CAROL STREAM, IL 60188
An ISO 9001:2008 Registered Company

JAN 03 2014

BY *C. Elliott*
CHIEF MANAGER - Q.C. MANAGER

CERTIFICATE DATE: 12/26/13 CUSTOMER: FRY STEEL COMPANY
ORDER#: 204303 CUSTOMER PO#: 47722-1
MATERIAL: 17-4PH ✓ DESCRIPTION: .255" RD SS X 12' ✓
HEAT NUMBER: E131099 QTY. SHIPPED: 1,920 LBS
CONDITION: A - Solution Annealed, A.Q., Centerless Ground PART #: 9170

CHEMICAL COMPOSITION

C	Mn	Si	S	P	Ni	Cr	Mo	Other Elements
.015 ✓	.730 ✓	.408 ✓	.0280 ✓	.023 ✓	4.68 ✓	15.38 ✓	.170 ✓	✓ Cu=3.349 Co=.089 N=.0310 Ti=.002 ✓ Nb=.2510 Al=.002 B=.0016 Sn=.008 V=.050 W=.020 As=.006 Ca=.001 Ta=.002 Pb=.0002

MECHANICAL VALUES

TENSILE (KSI)	YIELD (KSI)	ELONGATION (%)	REDUCTION OF AREA (%)	HARDNESS
134	122 ✓	14	67	271 HB

✓ AFTER HT CAPABILITIES 900F 1 HOUR AIR COOL

TENSILE (KSI)	YIELD (KSI)	ELONGATION (%)	REDUCTION OF AREA (%)	HARDNESS
201	199	12	54	410 HB

ADDITIONAL REMARKS: ✓

This material meets the specifications for: SOLUTION ANNEALED AT 1800F FOR 1.5 HRS;
AMS 5643R, AMS 2303E; ASTM A484-10; Capable of ASTM A564-04 TYPE 830, ASME
A564-04 TYPE 630, & MBO-180-003 EXC HARDNESS & ULTRASONIC; DFARS 252.225.7014 &
225.7002-3(b) (1) COMPLIANT; Delta Ferrite=.38%; Micro & Macro Structures OK per AMS 5643

MATERIAL IS FREE FROM MERCURY CONTAMINATION. EN10204 3.1.B
✓ MELT ORIGIN: ENGLAND

MATERIAL IS MANUFACTURED IN THE UNITED STATES OF AMERICA

I hereby certify that this data is correct as contained in the records of this company.

QUALITY CONTROL REPRESENTATIVE:
QSD-007 REV. ORG. 4/17/2013

C. Elliott
James A. Elliott-Quality Process Manager

Q. C. Review

Sig. *N. M. L.*

Date 2/5/14

LOT# 1419118

E131099

255 RD



PROD-Nr
Test certificate No
78540

Test certificate No
No du certificat

Telephones: 44 (0) 114 242 1124
Fax: 44 (0) 114 242 2182

In Accordance With EN 10204.3.1

Rechnungs-Nr
Invoices/Cons No
No de factura

FORM NO. 10-13-11 (MAY 817400) COND. A

ADDRESS

Tri Star Metals LLC

011 W.Lamm Rd

Freeport

Wagon 11032

132

04032

AV20107201

SOFTENED AND DESCALED

700 mm Round

4 red balls for 2.5391

E131009

Cost Analysis

Schwefelkonzentration		S ₂		S ₄		S ₆		S ₈		S ₁₀		S ₁₂		S ₁₄		S ₁₆		S ₁₈		S ₂₀		S ₂₂		S ₂₄		S ₂₆		S ₂₈		S ₃₀		S ₃₂		S ₃₄		S ₃₆		S ₃₈		S ₄₀		S ₄₂		S ₄₄		S ₄₆		S ₄₈		S ₅₀		S ₅₂		S ₅₄		S ₅₆		S ₅₈		S ₆₀		S ₆₂		S ₆₄		S ₆₆		S ₆₈		S ₇₀		S ₇₂		S ₇₄		S ₇₆		S ₇₈		S ₈₀		S ₈₂		S ₈₄		S ₈₆		S ₈₈		S ₉₀		S ₉₂		S ₉₄		S ₉₆		S ₉₈		S ₁₀₀																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
0,0160	0,0406	0,7100	0,7230	0,7360	0,7490	0,7620	0,7750	0,7880	0,8010	0,8140	0,8270	0,8400	0,8530	0,8660	0,8790	0,8920	0,9050	0,9180	0,9310	0,9440	0,9570	0,9700	0,9830	0,9960	1,0090	1,0220	1,0350	1,0480	1,0610	1,0740	1,0870	1,1000	1,1130	1,1260	1,1390	1,1520	1,1650	1,1780	1,1910	1,2040	1,2170	1,2300	1,2430	1,2560	1,2690	1,2820	1,2950	1,3080	1,3210	1,3340	1,3470	1,3600	1,3730	1,3860	1,3990	1,4120	1,4250	1,4380	1,4510	1,4640	1,4770	1,4900	1,5030	1,5160	1,5290	1,5420	1,5550	1,5680	1,5810	1,5940	1,6070	1,6200	1,6330	1,6460	1,6590	1,6720	1,6850	1,6980	1,7110	1,7240	1,7370	1,7500	1,7630	1,7760	1,7890	1,8020	1,8150	1,8280	1,8410	1,8540	1,8670	1,8800	1,8930	1,9060	1,9190	1,9320	1,9450	1,9580	1,9710	1,9840	1,9970	2,0100	2,0230	2,0360	2,0490	2,0620	2,0750	2,0880	2,1010	2,1140	2,1270	2,1400	2,1530	2,1660	2,1790	2,1920	2,2050	2,2180	2,2310	2,2440	2,2570	2,2700	2,2830	2,2960	2,3090	2,3220	2,3350	2,3480	2,3610	2,3740	2,3870	2,4000	2,4130	2,4260	2,4390	2,4520	2,4650	2,4780	2,4910	2,5040	2,5170	2,5300	2,5430	2,5560	2,5690	2,5820	2,5950	2,6080	2,6210	2,6340	2,6470	2,6600	2,6730	2,6860	2,6990	2,7120	2,7250	2,7380	2,7510	2,7640	2,7760	2,7890	2,8020	2,8150	2,8280	2,8410	2,8540	2,8670	2,8800	2,8930	2,9060	2,9190	2,9320	2,9450	2,9580	2,9710	2,9840	2,9970	3,0100	3,0230	3,0360	3,0490	3,0620	3,0750	3,0880	3,1010	3,1140	3,1270	3,1400	3,1530	3,1660	3,1790	3,1920	3,2050	3,2180	3,2310	3,2440	3,2570	3,2700	3,2830	3,2960	3,3090	3,3220	3,3350	3,3480	3,3610	3,3740	3,3870	3,4000	3,4130	3,4260	3,4390	3,4520	3,4650	3,4780	3,4910	3,5040	3,5170	3,5300	3,5430	3,5560	3,5690	3,5820	3,5950	3,6080	3,6210	3,6340	3,6470	3,6600	3,6730	3,6860	3,6990	3,7120	3,7250	3,7380	3,7510	3,7640	3,7760	3,7890	3,8020	3,8150	3,8280	3,8410	3,8540	3,8670	3,8800	3,8930	3,9060	3,9190	3,9320	3,9450	3,9580	3,9710	3,9840	3,9970	4,0100	4,0230	4,0360	4,0490	4,0620	4,0750	4,0880	4,1010	4,1140	4,1270	4,1400	4,1530	4,1660	4,1790	4,1920	4,2050	4,2180	4,2310	4,2440	4,2570	4,2700	4,2830	4,2960	4,3090	4,3220	4,3350	4,3480	4,3610	4,3740	4,3870	4,4000	4,4130	4,4260	4,4390	4,4520	4,4650	4,4780	4,4910	4,5040	4,5170	4,5300	4,5430	4,5560	4,5690	4,5820	4,5950	4,6080	4,6210	4,6340	4,6470	4,6600	4,6730	4,6860	4,6990	4,7120	4,7250	4,7380	4,7510	4,7640	4,7760	4,7890	4,8020	4,8150	4,8280	4,8410	4,8540	4,8670	4,8800	4,8930	4,9060	4,9190	4,9320	4,9450	4,9580	4,9710	4,9840	4,9970	5,0100	5,0230	5,0360	5,0490	5,0620	5,0750	5,0880	5,1010	5,1140	5,1270	5,1400	5,1530	5,1660	5,1790	5,1920	5,2050	5,2180	5,2310	5,2440	5,2570	5,2700	5,2830	5,2960	5,3090	5,3220	5,3350	5,3480	5,3610	5,3740	5,3870	5,4000	5,4130	5,4260	5,4390	5,4520	5,4650	5,4780	5,4910	5,5040	5,5170	5,5300	5,5430	5,5560	5,5690	5,5820	5,5950	5,6080	5,6210	5,6340	5,6470	5,6600	5,6730	5,6860	5,6990	5,7120	5,7250	5,7380	5,7510	5,7640	5,7760	5,7890	5,8020	5,8150	5,8280	5,8410	5,8540	5,8670	5,8800	5,8930	5,9060	5,9190	5,9320	5,9450	5,9580	5,9710	5,9840	5,9970	6,0100	6,0230	6,0360	6,0490	6,0620	6,0750	6,0880	6,1010	6,1140	6,1270	6,1400	6,1530	6,1660	6,1790	6,1920	6,2050	6,2180	6,2310	6,2440	6,2570	6,2700	6,2830	6,2960	6,3090	6,3220	6,3350	6,3480	6,3610	6,3740	6,3870	6,4000	6,4130	6,4260	6,4390	6,4520	6,4650	6,4780	6,4910	6,5040	6,5170	6,5300	6,5430	6,5560	6,5690	6,5820	6,5950	6,6080	6,6210	6,6340	6,6470	6,6600	6,6730	6,6860	6,6990	6,7120	6,7250	6,7380	6,7510	6,7640	6,7760	6,7890	6,8020	6,8150	6,8280	6,8410	6,8540	6,8670	6,8800	6,8930	6,9060	6,9190	6,9320	6,9450	6,9580	6,9710	6,9840	6,9970	7,0100	7,0230	7,0360	7,0490	7,0620	7,0750	7,0880	7,1010	7,1140	7,1270	7,1400	7,1530	7,1660	7,1790	7,1920	7,2050	7,2180	7,2310	7,2440	7,2570	7,2700	7,2830	7,2960	7,3090	7,3220	7,3350	7,3480	7,3610	7,3740	7,3870	7,4000	7,4130	7,4260	7,4390	7,4520	7,4650	7,4780	7,4910	7,5040	7,5170	7,5300	7,5430	7,5560	7,5690	7,5820	7,5950	7,6080	7,6210	7,6340	7,6470	7,6600	7,6730	7,6860	7,6990	7,7120	7,7250	7,7380	7,7510	7,7640	7,7760	7,7890	7,8020	7,8150	7,8280	7,8410	7,8540	7,8670	7,8800	7,8930	7,9060	7,9190	7,9320	7,9450	7,9580	7,9710	7,9840	7,9970	8,0100	8,0230	8,0360	8,0490	8,0620	8,0750	8,0880	8,1010	8,1140	8,1270	8,1400	8,1530	8,1660	8,1790	8,1920	8,2050	8,2180	8,2310	8,2440	8,2570	8,2700	8,2830	8,2960	8,3090	8,3220	8,3350	8,3480	8,3610	8,3740	8,3870	8,4000	8,4130	8,4260	8,4390	8,4520	8,4650	8,4780	8,4910	8,5040	8,5170	8,5300	8,5430	8,5560	8,5690	8,5820	8,5950	8,6080	8,6210	8,6340	8,6470	8,6600	8,6730	8,6860	8,6990	8,7120	8,7250	8,7380	8,7510	8,7640	8,7760	8,7890	8,8020	8,8150	8,8280	8,8410	8,8540	8,8670	8,8800	8,8930	8,9060	8,9190	8,9320	8,9450	8,9580	8,9710	8,9840	8,9970	9,0100	9,0230	9,0360	9,0490	9,0620	9,0750	9,0880	9,1010	9,1140	9,1270	9,1400	9,1530	9,1660	9,1790	9,1920	9,2050	9,2180	9,2310	9,2440	9,2570	9,2700	9,2830	9,2960	9,3090	9,3220	9,3350	9,3480	9,3610	9,3740	9,3870	9,4000	9,4130	9,4260	9,4390	9,4520	9,4650	9,4780	9,4910	9,5040	9,5170	9,5300	9,5430	9,5560	9,5690	9,5820	9,5950	9,6080	9,6210	9,6340	9,6470	9,6600	9,6730	9,6860	9,6990	9,7120	9,7250	9,7380	9,7510	9,7640	9,7760	9,7890	9,8020	9,8150	9,8280	9,8410	9,8540	9,8670	9,8800	9,8930	9,9060	9,9190	9,9320	9,9450	9,9580	9,9710	9,9840	9,9970	10,0100	10,0230	10,0360	10,0490	10,0620	10,0750	10,0880	10,1010	10,1140	10,1270	10,1400	10,1530	10,1660	10,1790	10,1920	10,2050	10,2180	10,2310	10,2440	10,2570	10,2700	10,2830	10,2960	10,3090	10,3220	10,3350	10,3480	10,3610	10,3740	10,3870	10,4000	10,4130	10,4260	10,4390	10,4520	10,4650	10,4780	10,4910	10,5040	10,5170	10,5300	10,5430	10,5560	10,5690	10,5820	10,5950	10,6080	10,6210	10,6340	10,6470	10,6600	10,6730	10,6860	10,6990	10,7120	10,7250	10,7380	10,7510	10,7640	10,7760	10,7890	10,8020	10,8150	10,8280	10,8410	10,8540	10,8670	10,8800	10,8930	10,9060	10,9190	10,9320	10,9450	10,9580	10,9710	10,9840	10,9970	11,0100	11,0230	11,0360	11,0490	11,0620	11,0750	11,0880	11,1010	11,1140	11,1270	11,1400	11,1530	11,1660	11,1790	11,1920	11,2050	11,2180	11,2310	11,2440	11,2570	11,2700	11,2830	11,2960	11,3090	11,3220	11,3350	11,3480	11,3610	11,3740	11,3870	11,4000	11,4130	11,4260	11,4390	11,4520	11,4650	11,4780	11,4910	11,5040	11,5170	11,5300	11,5430	11,5560	11,5690	11,5820	11,5950	11,6080	11,6210	11,6340	11,6470	11,6600	11,6730	11,6860	11,6990	11,7120	11,7250	11,7380	11,7510	11,7640	11,7760	11,7890	11,8020	11,8150	11,8280	11,8410	11,8540	11,8670	11,8800	11,8930	11,9060	11,9190	11,9320	11,9450	11,9580	11,9710	11,9840	11,9970	12,0100	12,0230	12,0360	12,0490	12,0620	12,0750	12,0880	12,1010	12,1140	12,1270	12,1400	12,1530	12,1660	12,1790	12,1920	12,2050	12,2180	12,2310	12,2440	12,2570	12,2700	12,2830	12,2960	12,3090	12,3220	12,3350	12,3480	12,3610	12,3740	12,3870	12,4000	12,4130	12,4260	12,4390	12,4520	12,4650	12,4780	12,4910	12,5040	12,5170	12,5300	12,5430	12,5560	12,5690	12,5820	12,5950	12,6080	12,6210	12,6340	12,6470	12,6600	12,6730	12,6860	12,6990	12,7120	12,7250	12,7380	12,7510	12,7640	12,7760	12,7890	12,8020	12,8150	12,8280	12,8410	12,8540	12,8670	12,8800	12,8930	12,9060	12,9190	12,9320	12,9450	12,9580	12,9710	12,9840	12,9970	13,0100	13,0230	13,0360	13,0490	13,0620	13,0750	13,0880	13,1010	13,1140	13,1270	13,1400	13,1530	13,1660	13,1790	13,1920	13,2050	13,2180	13,2310	13,2440	13,2570	13,2700	13,2830	13,2960	13,3090	13,3220	13,3350	13,3480	13,3610	13,3740	13,3870	13,4000	13,4130	13,4260	13,4390	13,4520	13,4650	13,4780	13,4910	13,5040	13,5170	13,5300	13,5430	13,5560	13,5690	13,5820	13,5950	13,6080	13,6210	13,6340	13,6470	13,6600	13,6730	13,6860	13,6990	13,7120	13,7250	13,7380	13,7510	13,7640	13,7760	13,7890	13,8020	13,8150	13,8280	13,8410	13,8540	13,8670	13,8800	13,8930	13,9060	13,9190	13,9320	13,9450	13,9580	13,9

Wach und ohne Eisenachaffen

[illegible]

Feed	Quality	Microstructure	Microphysiology
<p>1. Feed</p> <p>2. Quality</p> <p>3. Microstructure</p> <p>4. Microphysiology</p>	<p>1. Feed</p> <p>2. Quality</p> <p>3. Microstructure</p> <p>4. Microphysiology</p>	<p>1. Feed</p> <p>2. Quality</p> <p>3. Microstructure</p> <p>4. Microphysiology</p>	<p>1. Feed</p> <p>2. Quality</p> <p>3. Microstructure</p> <p>4. Microphysiology</p>

Admission Information

Quota Further - 0.30%

1992-1993

201102 5

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402310

Free from known Mercury or Radon Contamination

Conforms with ASTM/ASTM A134 & 134A, AMS 1042 & 1043

Subject as Condition A

Blending Practice: EAF and AOD

[illegible]

System with two processors

facted in accordance with Appendix A in Section 7.000.

Index

W. Fisher

Rob Chalmers

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2. The following is a list of the names of the persons who have been appointed to the various committees of the Board of Directors of the American Telephone and Telegraph Company, for the year ending December 31, 1911:

[illegible]

1. 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 281

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Copper and Brass Sales Division



ThyssenKrupp Materials NA 13338 Orden Drive Santa Fe Springs CA 90670

DELIVERY NOTE

AVIBANK MFG INC
11500 SHERMAN WAY
NORTH HOLLYWOOD CA 91605-5827



DATE: 01/07/2014
DOC. NO: 2402894815*
BOL. NO: 2402894815
ORDER NO: 1401799670
YOUR P/O: 729445
CUSTOMER NO: 10009895
Route: C2AC2
CONTACT: Ginger M Sanchez
TEL: 562-215-4398 ext 54398
FAX: 800-926-8310 ext 8310
EMAIL: Ginger.sanchez@thyssenkrupp.com

ALL S/S BAR MUST BE DFARS COMPLIANT
UNLD BY FORK: Y
RCVG HOURS: 6-4PM MON-FRI LNCH 12-12:30PM
6-4PM MON-FRI LNCH 12-12:30PM MAX SKID WT: 2000 MAX BUNDLE
WT: 2000

SHIP EXACT PC COUNT

We deliver at your own risk and account in accordance with our general delivery and payment terms.

ITEM	DESCRIPTION	NET QTY1 / QTY2	PACKAGE NO.
0010	XSSRD05808 T-17-4 Stainless Steel Cold Finish Cond A Round 0.1300 " (+ -.001) X 144 Mill Length Actual Chemistry/Act. Physical Standard Packaging	9,000 Feet	1003928193
		413 lb	
	TAGNUMBER QUANTITY UOM VENDOR VENDORPO HEAT/LOT PCS		
	2000695639 9000 FT E130597		
	SAE AMS 5643 R		

Total Gross Weight 463.000 lb

All items, not declared as partial delivery, are final quantities.

Delivery Terms: PPD gem. Incoterms 2000 Prepaid

CERTIFICATION OF COMPLIANCE

We hereby certify that mercury or any of its compounds are not used in the processing and distribution of our products. The products we distribute are not hazardous in their received state.

For MSDS sheets go to www.copperandbrass.com. We hereby certify that the material above complies with the above specifications

John R Zambetti - Director of Quality Assurance

CERT REVIEW

MAIN LOT #
1427041
COMPONENT LOT #
1423497
NAME
Spindle
CLERK:

TRI STAR METALS, LLC.
611 WEST LAMM ROAD
FREEPORT, IL 61032
An ISO 9001:2008 Registered Company

CERTIFICATE DATE:	10/10/13	CUSTOMER:	COPPER & BRASS
ORDER#:	202988	CUSTOMER PO#:	5400195058-R05
MATERIAL:	17-4PH ✓	DESCRIPTION:	.130" X 12'
HEAT NUMBER:	E130597	QTY. SHIPPED:	549 LBS
CONDITION:	ANNEALED	PART #:	XSSRD05808

CHEMICAL COMPOSITION

C	Mn	Si	S	P	Ni	Cr	Mo	Other Elements
.0130	.7300	.3470	.0270	.0280	4.690	15.29	.2900	✓Cu=3.378 Co=.1110 N=.0310 Ti=.0020 Nb=.2700 Al=.0020 B=.0010 Sn=.0080 V=.0500 W=.0300 As=.0010 Ca=.0020 Ta=.0030 Pb=.0002
✓	✓	✓	✓	✓	✓	✓	✓	

MECHANICAL VALUES

TENSILE (KSI)	YIELD (KSI)	ELONGATION (%)	REDUCTION OF AREA (%)	HARDNESS
138	123	10	64	279 HB

H900 HT CAPABILITIES 900F FOR 1 HR AIR COOL

TENSILE (KSI)	YIELD (KSI)	ELONGATION (%)	REDUCTION OF AREA (%)	HARDNESS
200	198	11	55	406 HB

ADDITIONAL REMARKS:

This material meets the chemistry specifications for ASTM A564-04, RoHS COMPLIANT,
 SAE AMS 5643R. DFARS COMPLIANT.

MATERIAL IS FREE FROM MERCURY CONTAMINATION. EN10204 3.1.B
 COUNTRY OF MELT: ENGLAND

MATERIAL IS MANUFACTURED IN THE UNITED STATES OF AMERICA

I hereby certify that this data is correct as contained in the records of this company.

QUALITY CONTROL REPRESENTATIVE:
 QSD-007 REV. ORG. 4/17/2013

James R. Elliott-Quality Process Manager



Q. C. Review
 Sig. *[Signature]*
 Date 1/7/14

Lot# 1406207

[Signature]

From: ThyssenKrupp Materials NA

Cust. AVIBANK MFG INC

CstAr

Wgt.: 413 LB

Del.: 2402894815

CstOr 729445

Date 01/07/2014

Outokumpu Stainless Ltd.
ASR-Rod Mill
Stavensson Road
Sheffield, S9 3XG
Telephone: +44 (0) 114 242 1124
Fax: +44 (0) 114 242 2152

**OUTO
KUMPU**

Prüf-Nr
Test certificate No
No du certificat

76914

In Accordance With EN 10204.3.1.

Rechnungs-Nr Invoice/Cons No No de facture	66312	Bestell-Nr Customer Order No No de commande client	242884	NORM	SPECIFICATION	NORME
				17/4PH(830) Rev 08-13-11 (UNS S17400) COND. A		
ADDRESS				Material No Materiel Order No No de commande client		
Tri Star Metals LLC 811 W.Lamm Rd Freeport, Illinois 61032 USA 61032				AV199387/01		
				Lieferbedingung Supply Condition Etat de livraison		
				SOFTENED AND DESCALED		
				Product Article Produit		
				5.50 mm Round		
				Stückzahl Quantity Quantité		
				14 rod coils for 9.253t		
				Schmelz-Nr Cast No No de coulée		
				E130597 ✓		

Schmelzanalyse				Cast Analysis				Analyse de Coulée			
%C	%Si	%Mn	%P	%S	%Cr	%Mo	%Ni	%Ti	%Nb	%Al	%B
0.0130	0.3470	0.7300	0.0280	0.0270	15.2900	0.2900	4.6900	0.0020	0.2700	0.0020	0.0010
%Co	%Cu	%Zn	%N	%V	%W	%As	%Ca	%Ta	%Pb		
0.1110	3.3780	0.0080	0.0310	0.0500	0.0300	0.0010	0.0020	0.0030	0.0002		

Mech und phys Eigenschaften				Mechanical and Physical Properties				Caractéristiques mécanique			
0.2%PS kPSI	1.0%PS kPSI	UTS kPSI	RA%	Korngröße Grain Size Taille de grain	Dehnung % Elongation % Allongement %	Harte Hardness Dureté	Hb				
120.237	133.435	134.306	65.7	8.0 7.5	1.2	325.00					
Decarb	Max	Batch Average	Batch Percentage	Cleaness							
				Intergranular Corrosion Test							

Additional Information

Delta Ferrite -0.4%
Rp0.2- 187.5kpsi
UTS 200kpsi
EI 11%
RofA 55%
Hb 406/401
Free from known Mercury or Radium Contamination
Material free from welds.
Melting Practice: EAF and AOD
Solution annealed at 1900F +/- 25 for 1.5Hrs
Material melted and rolled in Sheffield, England by Outokumpu Stainless Ltd.
Ultrasonic to AMS2630 & Magnetic Particle to AMS 2303 both Pass No Chi
or Sigma phase at 100x per ASTM E407 Macro and Micro structure OK per
AMS 5643 Chemistry, melt practice, material integrity and capability of
meeting spec. ASME/ASTM A564, AMS 5643, ASTM A484

EHSQ Manager

Rob Charlesworth

Rob Charlesworth

Date
Date
03/05/2013

This order was manufactured according to a Quality System
registered to ISO 9001:2008 and approved by TUV Nord.
Certificate Registration No. 44 100 116498

Quality specified by specifications or by test results.
Bewertung nach dem Grad der Festlegung der Anforderungen und nach dem Grad der Einhaltung der Anforderungen.
Qualität spezifiziert durch Spezifikationen oder durch Testergebnisse.
Bewertung nach dem Grad der Festlegung der Anforderungen und nach dem Grad der Einhaltung der Anforderungen.

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Qualität spezifiziert durch Spezifikationen oder durch Testergebnisse.
Bewertung nach dem Grad der Festlegung der Anforderungen und nach dem Grad der Einhaltung der Anforderungen.

testzeit v 1.10

From: ThyssenKrupp Materials NA
Cust. AVIBANK MFG INC
CstAr
Wgt.: 413 LB

Del.: 2402894815
CstOr 729445
Date 01/07/2014

John L. Zambetti

Order No: 3659184
Time 09:27:02



FRY STEEL COMPANY
Registered ISO 9001
13325 MOLETTE ST.
SANTA FE SPRINGS, CA 90670
(562) 802-2721

A08040
Cust. NO.: 749752
P.O. NO.:

CERTIFICATE OF COMPLIANCE

AVIBANK MFG INC
ATTN: ACCTS PAYABLE
P O BOX 9909
NORTH HOLLYWOOD CA 91609-1909

AVIBANK MFG
11500 SHERMAN WAY
***RECEIVING CLOSED 11:30-12**
NORTH HOLLYWOOD CA 91605-5827

10/04/13

QTY	DESCRIPTION	ITEM CODE	HEAT NUMBER
	CD 12L14 LEDLOY ASTMA 108 CHEM ONLY WHITE		
7	BARS 17/32"RD 12'RL	61310	AR294179
	BARS 5/8"RD 12'RL	61350	AR395409
	CUT 1 PC 15'FT REQD		
	BAR 7/8"RD 12'RL	61460	AR395386
	CUT 1 PC 14'FT REQD		
	✓ CF 2024 T4 AMS QQS 225/6 RED		
1	PC 3/16"RD CUT 72"LG CUT	84020	13051501-1
189	✓ BARS 5/16"RD 12'RL	84030	13M215 ✓
25	BARS 11/32"RD 12'RL	84033	9711060001

NOTICE

A COPY OF THE ORIGINAL MILL CERTIFICATION IS ATTACHED*

CHEMICALS & PHYSICALS ARE REPORTED THAT WILL MEET THE SPECIFICATIONS SHOWN ON THE CERTIFICATE.
EXCEPTIONS TO SPECIFICATIONS SHOULD BE SHOWN ON THE CERTIFICATION.

AUTOMATIC EXCEPTIONS TO THE SPECS LISTED ARE: LINE MARKING AND INSPECTION(I.E. MAG., SONIC, ETC.)

WE SUGGEST CONSULTING AN EXPERT ABOUT RELATED INSPECTION, PRIOR TO ALTERING THE MATERIAL FROM THE AS SHIPPED/RECEIVED
CONDITION. "DEFECT FREE" MATERIAL CAN NOT BE GUARANTEED WITHOUT PRIOR INSPECTION APPROPRIATE TO APPLICATION.

NO WELD REPAIR HAS BEEN PERFORMED AND THIS MATERIAL IS FREE FROM MERCURY AND RADIUM
CONTAMINATION AT TIME OF SHIPMENT

The willful recording of false, fictitious or fraudulent statements on this document may result as a felony under federal statutes.
*WHEN APPLICABLE

-- TO THE BEST OF OUR KNOWLEDGE MATERIAL IS CONFLICT MINERAL FREE --

CERT REVIEW

MAIN LOT #

1427041, 1428084

COMPONENT LOT #

KB 30642

NAME

BUTTON

Q. C. Review

Sig. *[Signature]*

Date

10/25/13

Lot# 1381674

[Signature]
CHIP SANDOVAL - Q.C. MANAGER

CLERK:

5/16 RD

13 M 215

Aluminium Mill Certificate

Cert. No.: KAP628824

Customer: TUSKER INTERNATIONAL TRADING INC. FRY STEEL

Contract No.: US SM130929

Alloy Temper: 2024 T4

Container No.: CBHU5883403/20



Taishan City Kam Kiu Aluminium Extrusion Co. Ltd

Address: Daijiang County, Taishan, Guang Dong, China

Tel: (86) 7505438596 Fax: (86) 7505438173

2024-T4

Standards: QQA 225/6 REV E; AMS QQA 225/6 REV A; ASTM B 211 2012; AMS 4120 REV R

Shipment Date: Jul 28 2013

PO No: 47540 JK

Invoice No: M131492

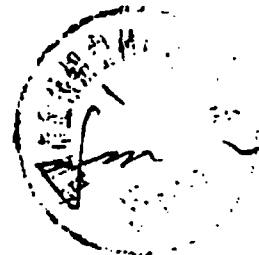
Product Code	Die No	Specification	Heat No (Batch No.)	Cast No.	2024 Chemical Composition (%)											Tensile Strength		Yield		Elongation	
					Si	Mg	Fe	Cu	Mn	Zn	Cr	Ti	Pb	Bi	Zr	Al	N/mm ²	ksi	N/mm ²	ksi	%
					0.50 max.	1.2-1.8	0.50 max.	3.8-4.9	0.30-0.9	0.25 max.	0.10 max.	0.15 max.	--	--	--	Rem.	425	62	310	45	10
84030	JE70321-1	DRAWN ROD	CFR 5/16	13M215	0.100	1.486	0.292	4.453	0.765	0.018	0.024	0.013	0.006			Rem.	557	81.0	523	76.0	11.8
84040	JE70321-2	DRAWN ROD	CFR 7/16	13M215	0.100	1.486	0.292	4.453	0.765	0.018	0.024	0.013	0.006			Rem.	481	70.0	423	61.0	10.8

Remark:

Kam Kiu Aluminium Group hereby certifies that metal shipped under the above mentioned PO No, Contract No. and Container No has been inspected and tested, and found in conformance with the applicable specifications forming a part of the description set forth in Kam Kiu's Sales Contract. This Mill Test Certificate complies to 3.1 EN 10204.

Made By:

Waley

Checked By:

FRY STEEL CO. CERTIFIES THAT THIS IS
A TRUE COPY OF THE ORIGINAL MILL TEST
REPORT NOW ON FILE
RECEIVED AND INSPECTED

AUG 23 2013

BY

CHIEF MANAGER - Q.C. MANAGER

Q. C. Review

Sig. *[Signature]*

Date

10/25/13

Lot# 1381674

Level 18, The Gardens North Tower, Mid Valley City, Lingkaran Syed Putra, 59200 Kuala Lumpur, Malaysia
E-mail: info@kamkiu.com Web Page: www.kamkiu.com

CFR 5/16

CFR 7/16

K & L Anodizing Corporation
Certification

Order No.: 309003

Date: 01/24/2014

Entry Date: 01/10/2014

Page: 1 of 1

To:

Avibank Mfg. Inc.
11500 Sherman Way
P.o. Box 9909
North Hollywood CA 91609-1909

Purchase Order No.: 754503

Packing List No.:

Material: 2024-T4

301359

We are pleased to provide you with the following Certification. The item(s) described were finished and accepted in accordance with the stated specification
Nadcap Accredited

Quantity	Part Number / Part Name / Part Description	Pounds
5,010	73-4AB Rev. D Button	

Mil-A-8625 Rev.F Amend. 1 KLC 001 / KLC 0007
Anodize per Mil-A-8625 Rev. F Am. 1 Type II Class 2 Blue.
Mercury Contamination Free

Insp. Type	Scale	Minimum	Maximum	Number	Other
Customer Requirements:					
Visual				Sample or 100%	

LSS# 200

Notice: All finishing completed by K & L Anodizing will carry a liability not to exceed the amount of the finishing charges for the work done on any material. The only exception shall be by written agreement signed by both parties.

CERT REVIEW

MAIN LOT #
1427041, 1428084
COMPONENT LOT. #
KB30642
NAME
BUTTON
CLERK: _____

Q. C. Review
Sig. *[Signature]*
Date 1/25/14

Lot # 1411650

[Signature]

Nadcap AS7003 #4908143853 10/31/2015
Nadcap AC7108 #4908153454 10/31/2014

Sharyn McGinity
K. L. Cert Department
K & L Anodizing Corp.

Gibbs Certificate of Analysis

Gibbs Wire & Steel Company, Inc. 3751 Olive Road, South Bend, Indiana 46628

AVIBANK MFG INC.
11500 SHERMAN WAY
NO. HOLLYWOOD CA 91605 USA

Date Shipped: 10/11/2013
Cust Order #: 749508
Amount Shipped: 27.00

Description: 0.0180" P/M.0004 ✓
17-7 PH COND. C GIBBSCOTE STAINLESS STEEL

Heat Number: 61118

Mill Coil ID: Gibbs Coil ID: Gibbs Number: 26806

To Certify that the material shipped against your above order number is in accordance with

Specification: ASTM A313-10 AMS 5678F ✓ TYPE 631

C: 0.0790 ✓	Mn: 0.8900 ✓	P: 0.0230 ✓	Sul: 0.0010 ✓
Si: 0.3400 ✓	Cr: 16.4500 ✓	Ni: 7.6800 ✓	Mo: 0.2400 ✓
Co:	Cu: 0.2100	N2:	Fe:
Ti:	Al: 0.9400 ✓	Be:	W:
Zn:	Sn:	Pb:	Cb:
Ta:	V:		

✓ PRE-HEAT

✓ POST-HEAT

	MIN	MAX
Tensile Strength:	304,000	304,000

	MIN	MAX
	352,000	355,000

Condition CH900:

Mill Source/Rod Source: SUMIDEN

SWEDEN

Reduction of Area:

MATERIAL FREE FROM MERCURY CONTAMINATION
COILING & WRAP TEST GOOD
DFARS COMPLIANT

Alison Fink

Gibbs Wire & Steel Company, Inc.
Certification Clerk

Alison Fink

CERT REVIEW

MAIN LOT #
1427041, 1428084

COMPONENT LOT #
KB30540

NAME
SPRING

GWS #: 649612

CLERK: Tel: (574)234-6071, Fax: (574)237-0712

Q. C. Review
Sig. *Nancy*
Date 10/25/13

LOT# 1384834



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXAerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO28872

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
7	12	EA	MS17984C408		1427041	AVIBANK MFG.		84256	


Jason Lewis
Senior Director, Global Quality

06/18/15



AEROSTRUCTURES DIVISION, A PCC COMPANY

11500 SHERMAN WAY • NORTH HOLLYWOOD, CA 91605

PHONE: (818) 392-2100 • FAX: (818) 255-2094

PHONE: (818) 392-2100 • FAX: (818) 255-2094
No ozone depleting substances used in processes.

DATE SHIPPED

11/07/14

CERTIFICATE OF CONFORMANCE

PAGE	OF	DATE ENTERED	SALES ORDER NO.
1	2	09/29/14	734754-3973

B 103866
I B/E AEROSPACE, INC. (MIAMI)
L 10000 N.W. 15TH TERRACE
L
T MIAMI, FL
O USA 33172

S B/E AEROSPACE CONSUMABLE MGMNT
H 9835 NW 14TH ST
I
P
T MIAMI, FL
O USA 33172

CUSTOMER ORDER NO.				CONTRACT NUMBER				RATING				ORDERED BY				REC'D BY				TERRITORY NO.											
0ZYMTJ40																PEARLINE FOR ARE 124															
PS		CST		ENV		DO 750 REG CO		PRES PKG REG CO		REGR UNITS		TYPE OF INSPECTION		TERMS				FREIGHT													
0		1		1		3		N		N		R		NET 30				NOHO/COLLECT													
SHIPPED VIA																															
SEE BELOW																															
ITEM NO.		NO. SHIPPED		UNITS		PART NUMBER / DESCRIPTION										NO. BACKORDERED															
1		499		E		IF OVER 150 LBS SHIP FED EX FREIGHT ECONOMY ACCT# 30017 IF UNDER 150 LBS SHIP FED EX GROUND ACCT# 0331-0149-0 QAP 33.0 REV K 05-02-2014 CLAUSE A.3 GENERAL TERMS - AP CLAUSES A,A.1,B,C,E,H,P,U,V APPLY DFAR- 252.225-7009 *** 3 LOT MAX *** CHG 1. ISS 11/7/14 TO REMOVE NB4; SHIP STOCK AND CLOSE 1 PC SHORT. C.B. BLC4BA18S MS17984C418 SHIP#: 1 QTY : 499 LOT:1473998 DUE : AREA :NS AISLE :D SEC:18 SHELF										0															
1.1		1		E		570-CERT Q-13T CHEM & PHYS CERT 1 SHIP#: 1 QTY : 1 LOT: SEC: DUE : AREA : AISLE : SEC: SHELF										0															
PULLED BY: SHIPPED BY: DATE SHIPPED: WAYBILL/OTHER INFO:																OF PKGS: WEIGHT:															

We hereby certify that all materials used in the manufacture of parts covered by this report conform to the material specifications called for by the above purchase order. We further certify that the parts are manufactured in accordance with applicable drawings or specifications current on the date on which the order was placed. Test reports covering materials in these parts, and indicating conformance with applicable specifications, are on file and subject to examination. No ozone depleting substances were used in processes. Parts are mercury free of contamination.

WI-14-AMS-004 REV:NC

AVIBANK MFG., INC.

BY [Signature] AUTHORIZED QUALITY CONTROL REPRESENTATIVE

** DEARS ** ** CERT Q13-P **



AVIBANK MFG. INC.

AEROSTRUCTURES DIVISION, A PCC COMPANY

11500 SHERMAN WAY • NORTH HOLLYWOOD, CA 91605

PHONE: (818) 392-2100 • FAX: (818) 255-2094

No ozone depleting substances used in processes.

CERTIFICATE OF CONFORMANCE

SHIPPER

DATE SHIPPED

11/07/14

PAGE	OF	DATE ENTERED	SALES ORDER NO.
2	2	09/29/14	734754-3973

B 103866
I B/E AEROSPACE, INC. (MIAMI)
L 10000 N.W. 15TH TERRACE
L
T MIAMI, FL
O USA 33172

S B/E AEROSPACE CONSUMABLE MGMNT
H 9835 NW 14TH ST
I
P
T MIAMI, FL
O USA 33172

CUSTOMER ORDER NO.		CONTRACT NUMBER		RATING		ORDERED BY		REC'D BY		TERRITORY NO.	
OZYMD40						DEARTINE FOR		ARE		124	
WPS	CEV	INV	CO. NO.	PREP. NO.	RESALE	VAR. N.	TYPE OF INSPECTION	TERMS	FREIGHT		
0	1	1	3	N	N	R		NET 30	NORO/COLLECT		
SHIPPED VIA											
SEE BELOW											

ITEM NO.	NO. SHIPPED	UNITS	PART NUMBER / DESCRIPTION	NO. BACKORDERED
<p>CERTIFICATE OF CONFORMANCE</p> <p>TO OUR VALUED CUSTOMERS A RETURN MATERIAL AUTHORIZATION (RMA) NUMBER IS REQUIRED FOR ALL PRODUCTS RETURNED TO AVIBANK. TO REQUEST A RMA NUMBER CONTACT YOUR AVIBANK SALES ASSOCIATE AT 818/392-2100</p> <p>THESE COMMODITIES WERE EXPORTED FROM AVIBANK MFG., INC. IN ACCORDANCE WITH EXPORT ADMINISTRATION REGULATIONS OR INTERNATIONAL TRAFFIC IN ARMS REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. COMPLIANT WITH DFARS 252.225.7014 ALT 1</p>				
PULLED BY	SHIPPED BY	DATE SHIPPED	WAYBILL/OTHER INFO	NO. OF PKGS. WEIGHT

We hereby certify that all materials used in the manufacture of parts covered by this report conform to the material specifications called for by the above purchase order. We further certify that the parts are manufactured in accordance with applicable drawings or specifications current on the date on which the order was placed. Test reports covering materials in these parts, and indicating conformance with applicable specifications, are on file and subject to examination. No ozone depleting substances were used in processes. Parts are mercury free of contamination.

WI-14-AMS-004 REV:NC

AVIBANK MFG., INC.

BY AUTHORIZED QUALITY CONTROL REPRESENTATIVE



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO28872

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
8	20	EA	MS17984C418		1473998	AVIBANK MFG.	84256		


Jason Lewis
Senior Director, Global Quality

06/18/15

Inv # 06/18/15

NAS**NELSON**
Aerospace Inc.**PACKING SLIP**

14800 S. Figueroa St. Gardena, Ca. 90248, Phone (310) 323-6200, Fax (310) 329-2505

MAKE CHECKS PAYABLE and MAIL TO DESIGNED METAL CONNECTIONS Dept. 8843, Los Angeles, CA 90084-8843

REFER TO INVOICE NO. _____

OUR ORDER NO. 288690 SO	YOUR ORDER NO. OZZ8M12	TERMS Net 60 Days	DATE 6/8/2015	INVOICE NO. 293961 RI
WAYBILL NO. M31B03	SHIP VIA F X G 0331-0149-0		F.O.B. SHIP POINT	
B I L L T O 1602856 KLX, INC. 10000 NW 15TH TERRACE MIAMI FL 33172-2756		S H I P T O 1604029 KLX, INC. 9835 NW 14TH ST MIAMI FL 33172		

ITEM	DMC PART NO	CUSTOMER PART NO	REVISION	M CODE	LOT NUMBER	QUANTITY	UNIT PRICE	TOTAL
001	AN815-8K UNION			02	P00028796-31888	85 Partial		
	FULL CERTS REV 9 PRODUCT IS COMPLIANT TO DFAR 252.225-7009							
	Freight					1		
	Weight (lbs)					13		

CERTIFICATE OF COMPLIANCE: "SELLER CERTIFIES THAT DOCUMENTARY EVIDENCE IN THE FORM OF PHYSICAL AND CHEMICAL TEST REPORTS AND INSPECTION RECORDS ON THIS MATERIAL AND/OR PROCESSES INDICATING CONFORMANCE TO APPLICABLE SPECIFICATIONS ARE ON FILE AND AVAILABLE FOR REVIEW AT THE SELLER'S PLANT".

THE PARTS SO SUBMITTED MEET DIMENSIONAL, FUNCTIONAL AND QUALITY REQUIREMENTS AS COVERED BY THE APPLICABLE PURCHASE ORDER, PART NUMBERS AND/OR SPECIFICATIONS.

BY


 QUALITY ASSURANCE SUPERVISOR AUTHORIZED SIGNATURE

DESIGNED METAL CONNECTIONS WARRANTY - Designed Metal Connections, warrants each new unit sold to be free from defects in material and workmanship under normal use and service. Every unit is manufactured in accordance with the drawings, and/or specifications called for and current on the date the order for these parts was received. DMC obligation under this warranty is limited to the correction or replacement of any unit which proves defective in material or workmanship under normal use and service within ninety (90) days after delivery to the first user provided this unit is returned to the DMC shipping point (or authorized distributor if purchased through this source) with all transportation charges prepaid and providing said unit is found to be defective by DMC inspection.

If components other than those supplied by Designed Metal Connections are used in the assembly of the DMC unit, this warranty is limited only to the components we supplied and we assume no responsibility for the performance and/or reliability of the unit as a whole. In addition, we assume no liability for consequential or special damages resulting from the use of any of our products. This warranty is in lieu of all other warranties expressed or implied.

SERVICE CHARGES consists of additional bookkeeping, statements and notices occasioned by failure to make payment on due date.



NELSON
Aerospace Inc.

**CERTIFICATE OF
CONFORMANCE**

14800 S. Figueroa Street Gardena, CA. 90248-1795
Tel: (310) 323-6200 Facsimile: (310) 329-2505

Jun/9/2015

Customer	KLX, INC.		PO No.	02Z8M12	
DMC Part No.	AN815-BK_REV. 9	Lot No.	F00028796-31888	Quantity	85.00
Customer Part No. / Rev		Order No.	288690	Line No.	001

COMPONENT SUMMARY:

Component Part No.	Description	Lot No.	Traceability No.
MATERIALS USED IN THE PROCESS/ MANUFACTURE OF SUBJECT PARTS ARE FREE FROM MERCURY CONTAMINATION AND ARE DFARS 252.225-7009 WITH ALT. 1 COMPLIANT			

Designed Metal Connections Inc., dba Permaswage USA certifies that documentary evidence in the form of physical and chemical test reports and inspection records on this material and / or processes indicating conformance to the applicable specification are on file and available for review at the sellers plant. The parts so submitted meet dimensional, functional and quality requirements as covered by the applicable purchase order, part number and / or specifications.

Signature: 

Name: ORTEGA, NOHELY

Title: Quality Assurance Representative



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO28872

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
1	6	EA	AN815-8K		F00028796-31888	DESIGNED METAL DBA P	14798		


Jason Lewis
Senior Director, Global Quality

06/18/15

Inv # 06/18/15